



**COLORADO**  
Division of Water Resources  
Department of Natural Resources

## South Platte Summary April 2025

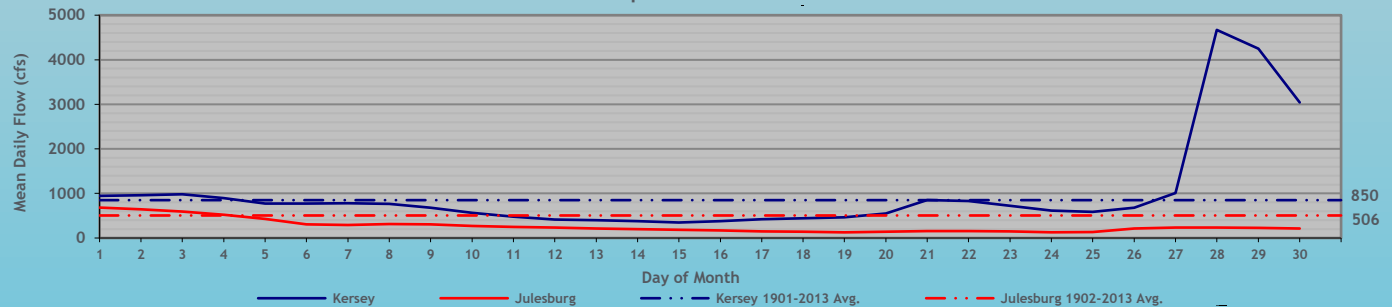
Compiled by Lee Cunning, P.E.

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

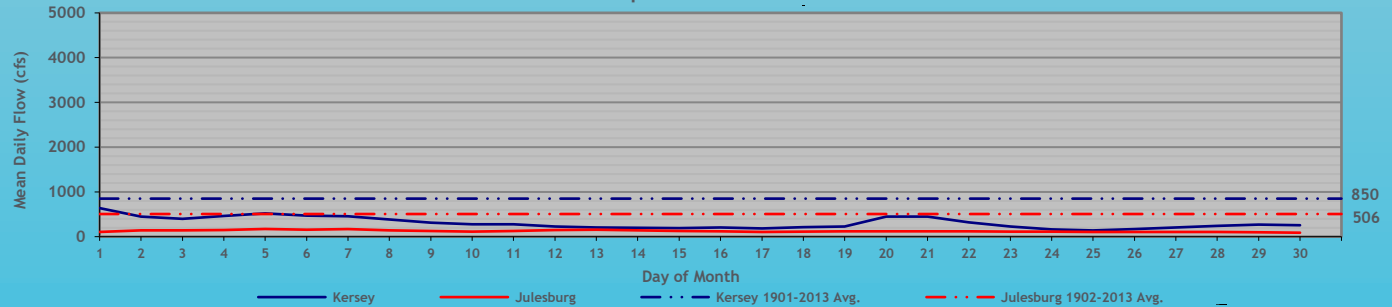
## MONTH OF April 2025

| RESERVOIR   | FULL ALLOWABLE CAPACITY (ACRE FEET) | FIRST OF MONTH (ACRE FEET) | END OF MONTH (ACRE FEET) | DISTRICT | CHANGE IN STORAGE (ACRE FEET) | % CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE | % OF CURRENT FULL ALLOWABLE CAPACITY | % OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR | SURCHARGE (ACRE FEET) |
|-------------|-------------------------------------|----------------------------|--------------------------|----------|-------------------------------|-----------------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------|
| JULESBURG   | 22,666                              | 20,253                     | 18,915                   | 64       | -1,338                        | -7%                                                 | 83%                                  | 88%                                                       | 0                     |
| N STERLING  | 73,730                              | 74,156                     | 72,299                   | 64       | -1,857                        | -3%                                                 | 98%                                  | 100%                                                      | 0                     |
| PREWITT     | 28,500                              | 28,551                     | 30,125                   | 64       | 1,574                         | 6%                                                  | 100%                                 | 100%                                                      | 1,625                 |
| JACKSON     | 27,257                              | 26,934                     | 26,461                   | 1        | -473                          | -2%                                                 | 97%                                  | 98%                                                       | 0                     |
| EMPIRE      | 37,700                              | 33,766                     | 32,258                   | 1        | -1,508                        | -4%                                                 | 86%                                  | 90%                                                       | 0                     |
| RIVERSIDE   | 63,113                              | 63,303                     | 59,482                   | 1        | -3,821                        | -6%                                                 | 94%                                  | 100%                                                      | 0                     |
| BARR LAKE   | 32,152                              | 24,244                     | 24,635                   | 2        | 391                           | 2%                                                  | 77%                                  | 100%                                                      | 0                     |
| CHEESMAN    | 79,064                              | 70,522                     | 67,658                   | 80       | -2,864                        | -4%                                                 | 86%                                  | 98%                                                       | 0                     |
| ELEVEN MILE | 97,779                              | 99,521                     | 99,864                   | 23       | 343                           | 0%                                                  | 100%                                 | 100%                                                      | 2,085                 |
| SPINNEY     | 53,651                              | 26,593                     | 26,870                   | 23       | 277                           | 1%                                                  | 50%                                  | 85%                                                       | 0                     |
| ANTERO      | 20,015                              | 18,985                     | 19,069                   | 23       | 84                            | 0%                                                  | 95%                                  | 100%                                                      | 0                     |

KERSEY and JULESBURG  
April 2024



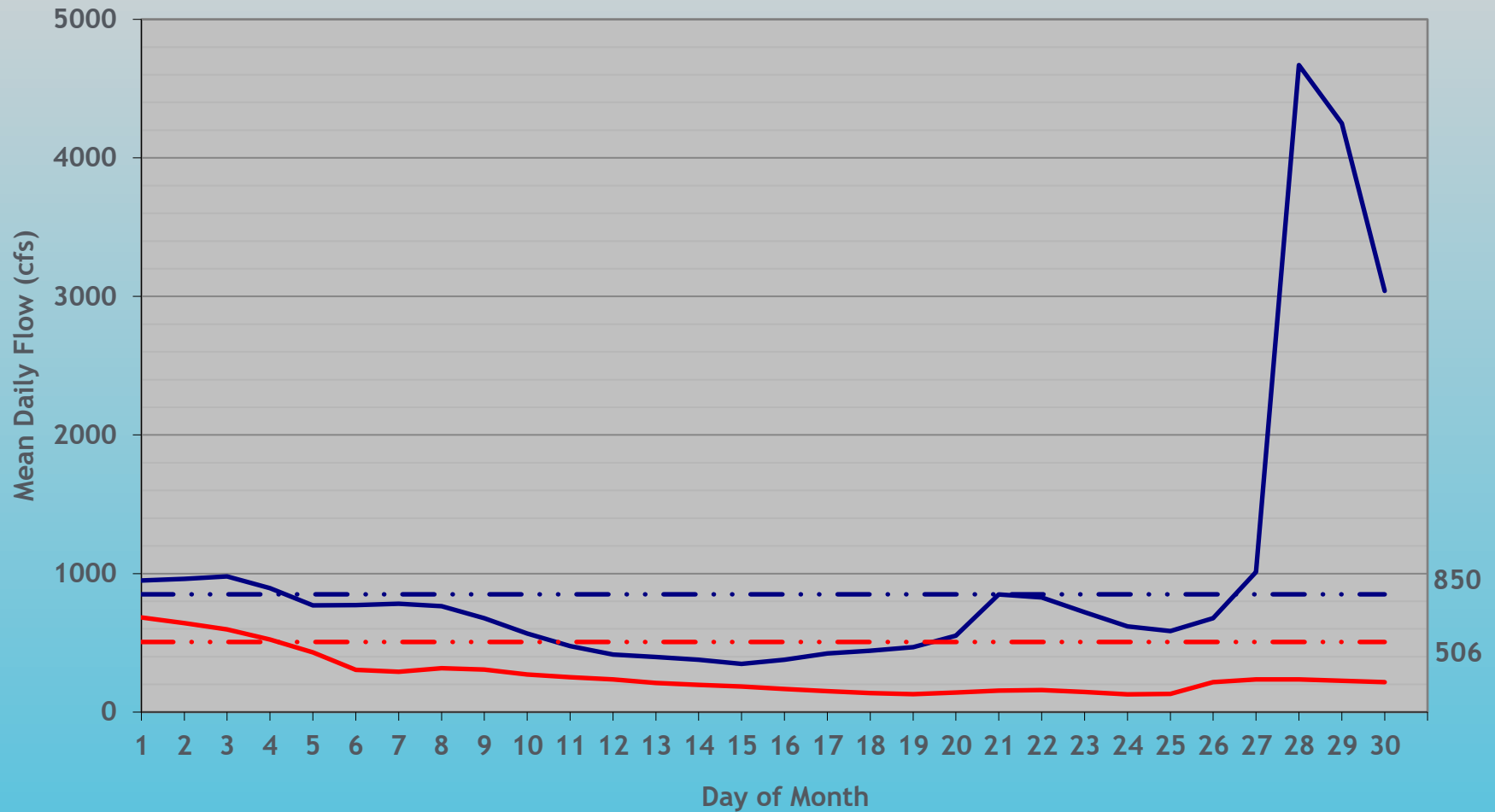
KERSEY and JULESBURG  
April 2025



| RIVER GAGES                                     | MEAN DAILY FLOW (CFS) |
|-------------------------------------------------|-----------------------|
| KERSEY                                          | 306                   |
| JULESBURG                                       | 126                   |
| THIS MONTH LAST YEAR                            |                       |
| KERSEY                                          | 988                   |
| JULESBURG                                       | 267                   |
| MEAN FOR PERIOD OF RECORD*                      |                       |
| KERSEY                                          | 850                   |
| JULESBURG                                       | 506                   |
| *Kersey 1901 - 2022      *Julesburg 1902 - 2022 |                       |

# KERSEY and JULESBURG

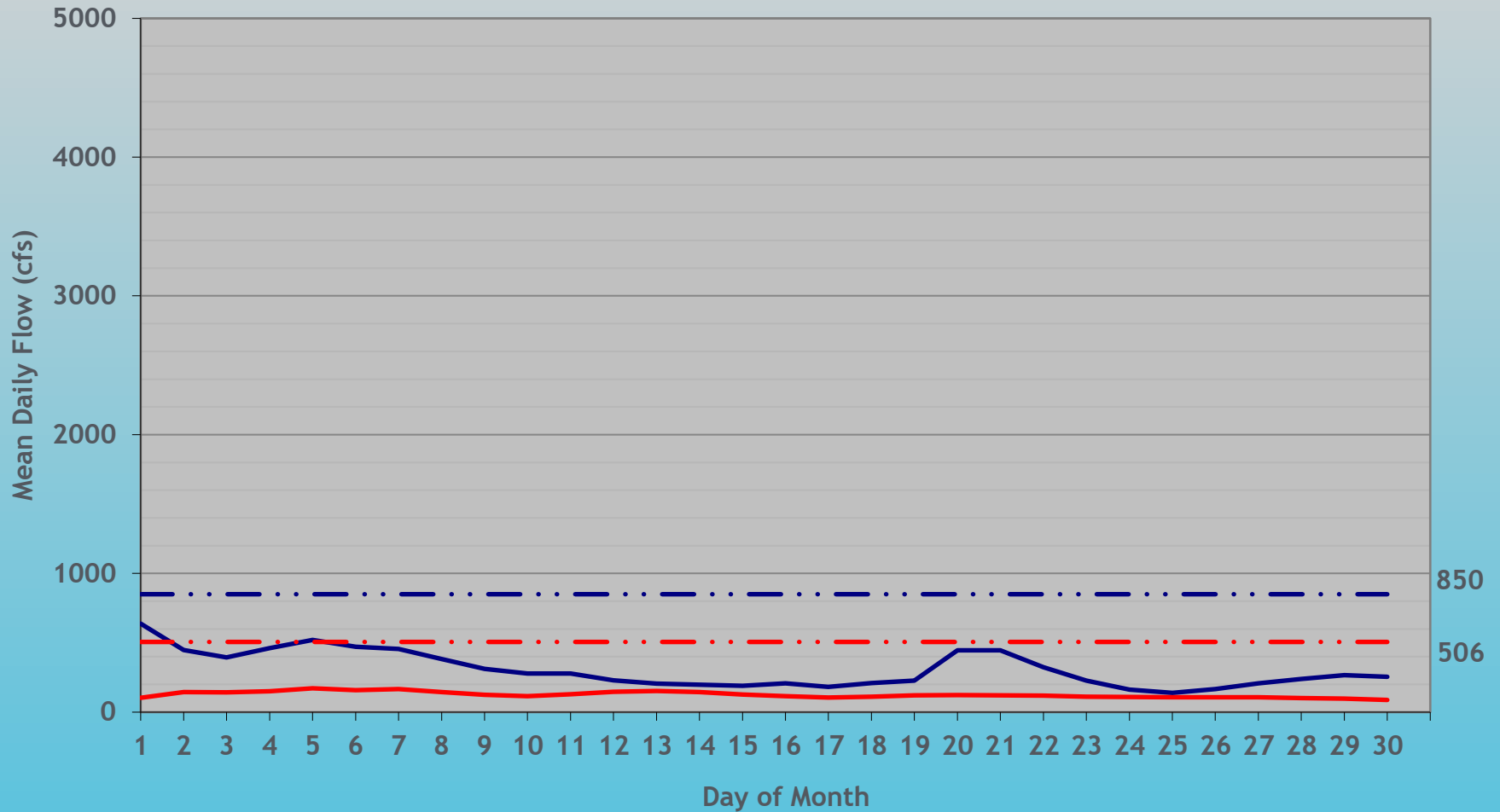
## April 2024



— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

# KERSEY and JULESBURG

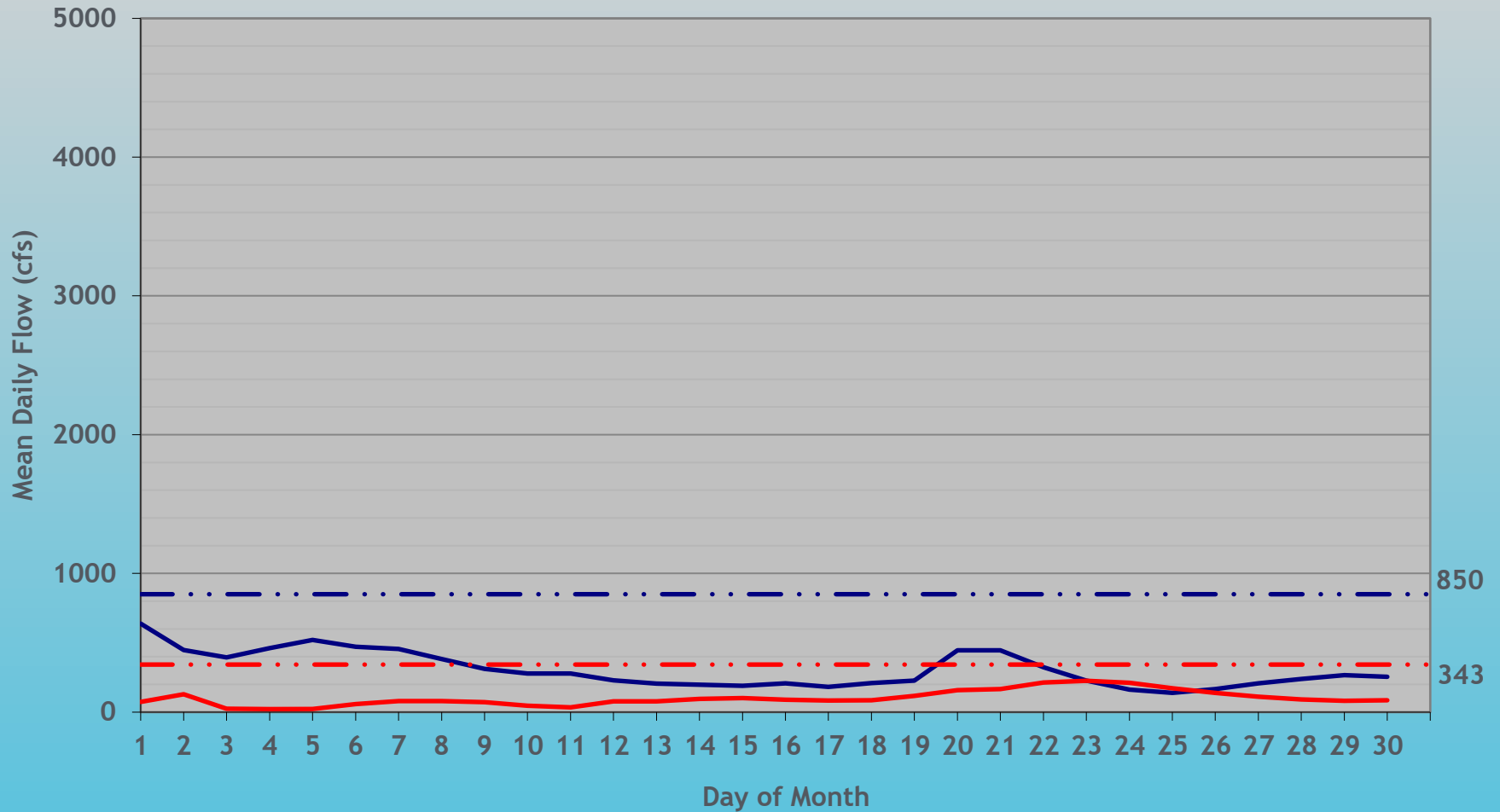
## April 2025



— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

# KERSEY and BALZAC

## April 2025



— Kersey

— Balzac

· Kersey 1901-2013 Avg.

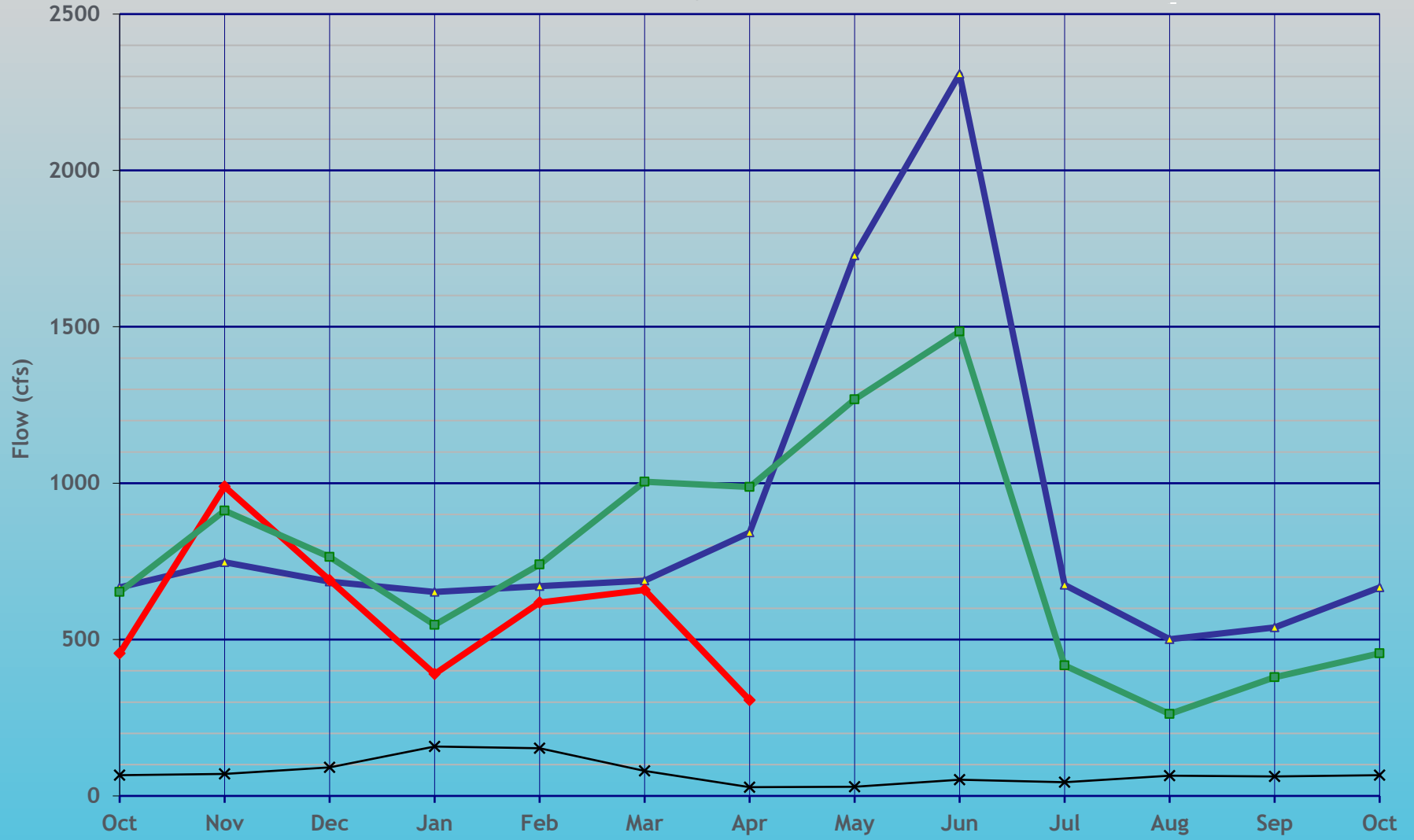
· Balzac 1917-2013 Avg.

## South Platte River Monthly Stream Flow (cfs) Statistics

| South Platte River at Kersey |                        |                       |      |                       |      |                                    | South Platte River at Julesburg |                        |                       |      |                       |      |                                    |
|------------------------------|------------------------|-----------------------|------|-----------------------|------|------------------------------------|---------------------------------|------------------------|-----------------------|------|-----------------------|------|------------------------------------|
| Month                        | Historic*<br>Mean Flow | Historic*<br>Max Flow | Year | Historic*<br>Min Flow | Year | IY 2025<br>Mean<br>Monthly<br>Flow | Month                           | Historic*<br>Mean Flow | Historic*<br>Max Flow | Year | Historic*<br>Min Flow | Year | IY 2025<br>Mean<br>Monthly<br>Flow |
| Oct                          | 667                    | 6180                  | 1984 | 66                    | 1954 | 456                                | Oct                             | 299                    | 3130                  | 1984 | 4.2                   | 1903 | 17                                 |
| Nov                          | 747                    | 3650                  | 1984 | 70                    | 1934 | 989                                | Nov                             | 335                    | 2900                  | 1984 | 4.2                   | 1903 | 63                                 |
| Dec                          | 685                    | 1890                  | 1961 | 91                    | 1934 | 690                                | Dec                             | 401                    | 1820                  | 1984 | 13                    | 2002 | 153                                |
| Jan                          | 652                    | 2160                  | 1974 | 158                   | 1935 | 390                                | Jan                             | 512                    | 2510                  | 1970 | 21                    | 2003 | 212                                |
| Feb                          | 671                    | 3060                  | 1914 | 152                   | 1935 | 618                                | Feb                             | 578                    | 3220                  | 1930 | 29                    | 2005 | 304                                |
| Mar                          | 688                    | 3470                  | 1983 | 80                    | 1935 | 659                                | Mar                             | 512                    | 12900                 | 1910 | 15                    | 1904 | 104                                |
| Apr                          | 842                    | 18100                 | 1942 | 28                    | 1955 | 306                                | Apr                             | 514                    | 14400                 | 1942 | 4.0                   | 1904 | 126                                |
| May                          | 1728                   | 26100                 | 1973 | 29                    | 1955 |                                    | May                             | 994                    | 18100                 | 1973 | 12                    | 1911 |                                    |
| Jun                          | 2308                   | 31000                 | 1921 | 52                    | 1954 |                                    | Jun                             | 1426                   | 30800                 | 1921 | 2.0                   | 1910 |                                    |
| Jul                          | 675                    | 12600                 | 1983 | 44                    | 1955 |                                    | Jul                             | 311                    | 12600                 | 1983 | 0.0                   | 1903 |                                    |
| Aug                          | 501                    | 9690                  | 1951 | 65                    | 1934 |                                    | Aug                             | 178                    | 8920                  | 1968 | 0.0                   | 1903 |                                    |
| Sep                          | 539                    | 14200                 | 1938 | 62                    | 1940 |                                    | Sep                             | 284                    | 7130                  | 1938 | 2.0                   | 1902 |                                    |
| Oct                          | 667                    | 6180                  | 1984 | 66                    | 1954 |                                    | Oct                             | 299                    | 3130                  | 1984 | 4.2                   | 1903 |                                    |
| *Period of record 1902-2021  |                        |                       |      |                       |      |                                    | *Period of record 1902-2021     |                        |                       |      |                       |      |                                    |

# South Platte River at Kersey

Irrigation Year

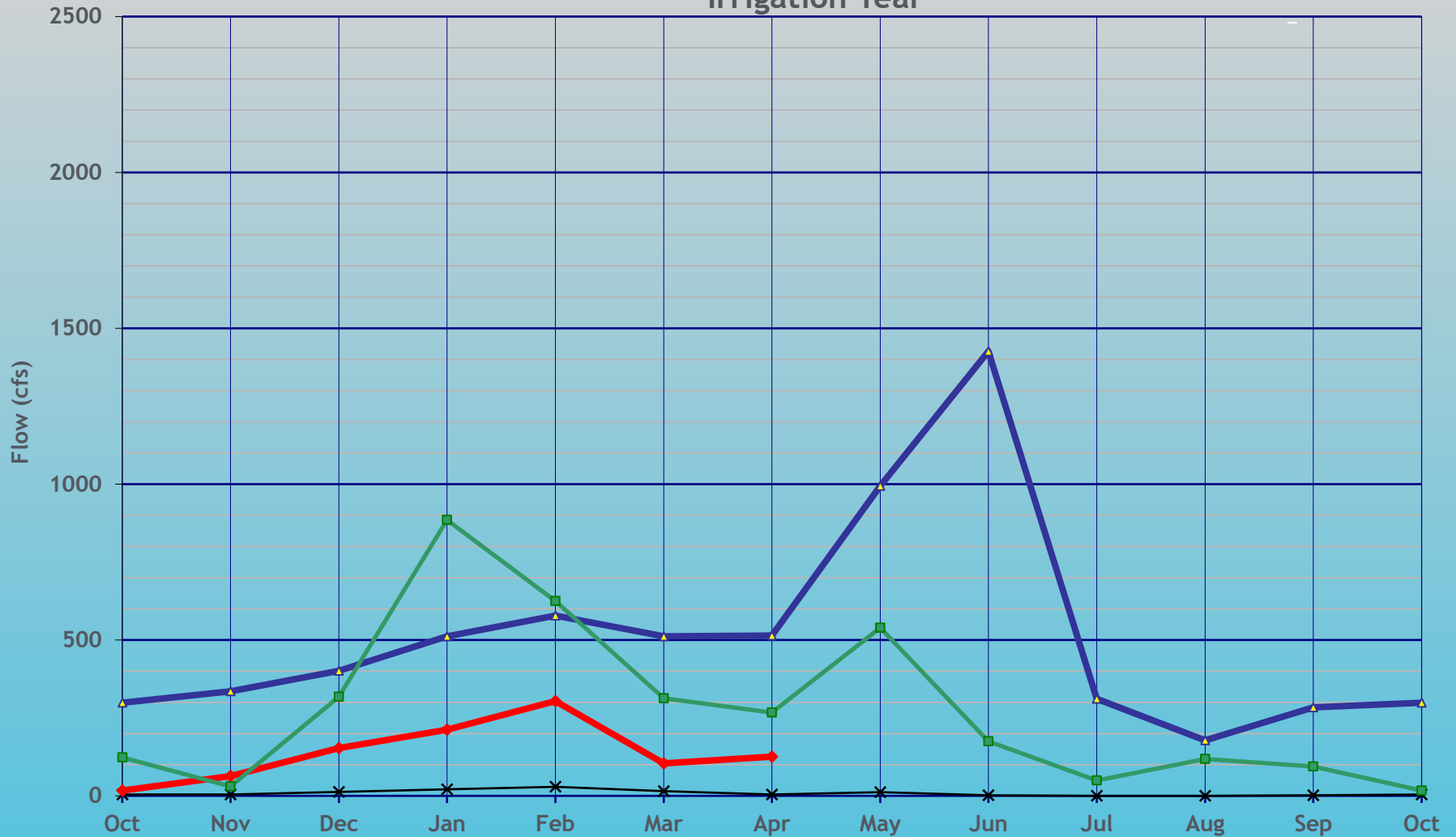


—▲— Historic\* Mean Flow    —×— Historic\* Min Flow    —◆— 2024-2025 Mean Flow    —■— 2023-2024 Mean Flow

\*1901-2021

# South Platte River at Julesburg

Irrigation Year



Historic\* Mean Flow

Historic\* Min Flow

2024-2025 Mean Flow

2023-2024 Mean Flow

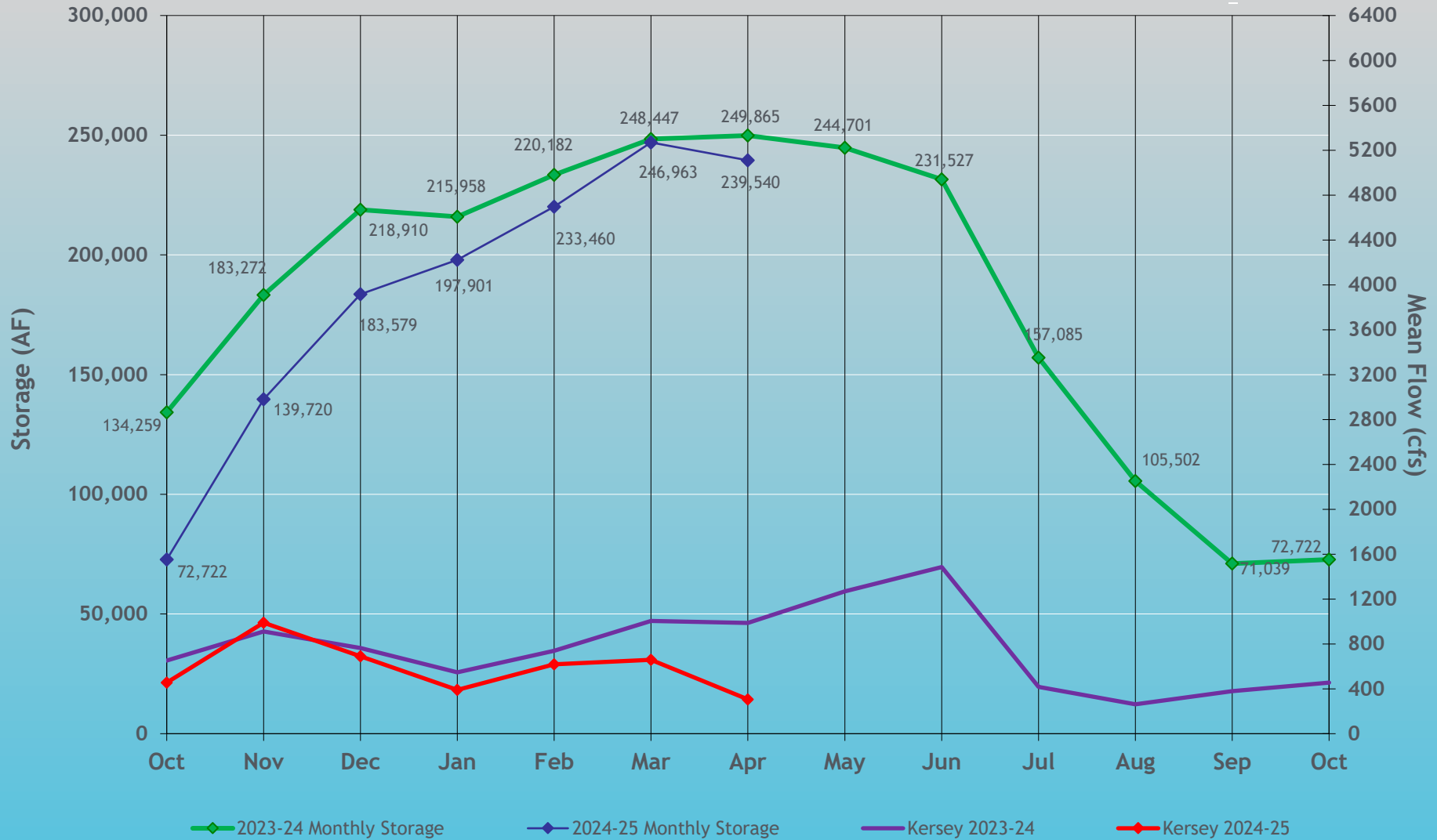
\*1901-2021





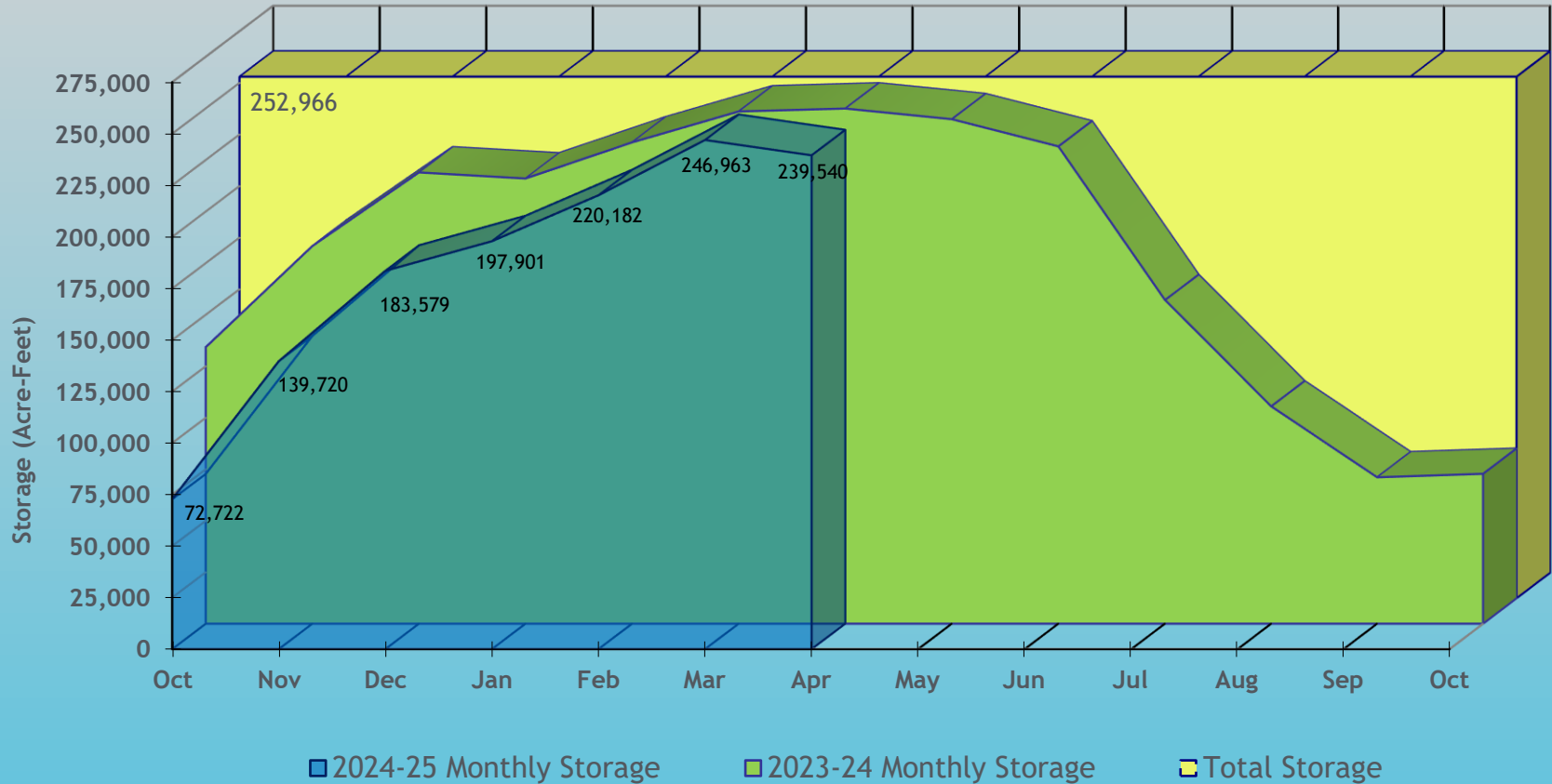
# Reservoir Storage below Kersey

Selected Reservoirs\*



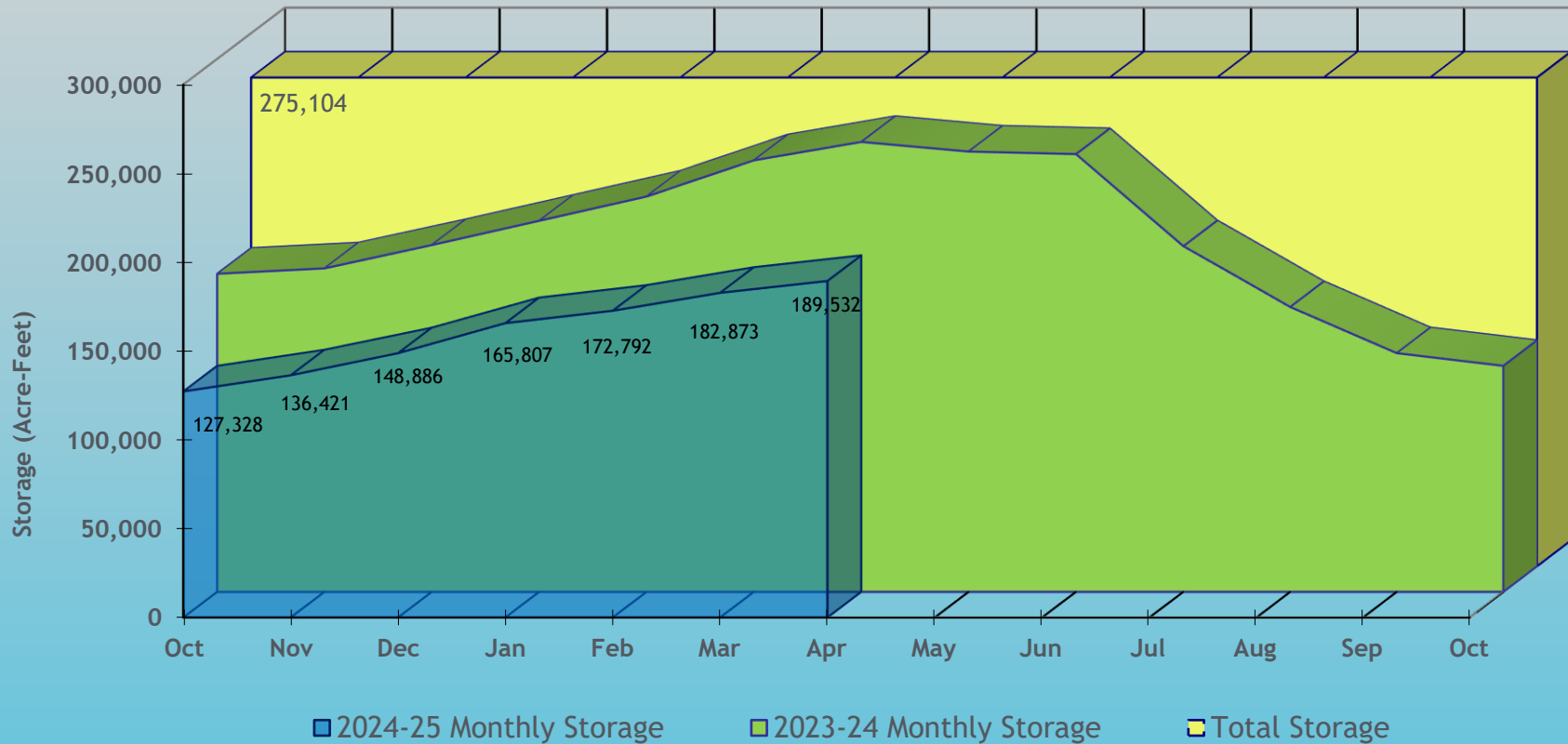
\*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

# South Platte Reservoir Storage below Kersey\*



\*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

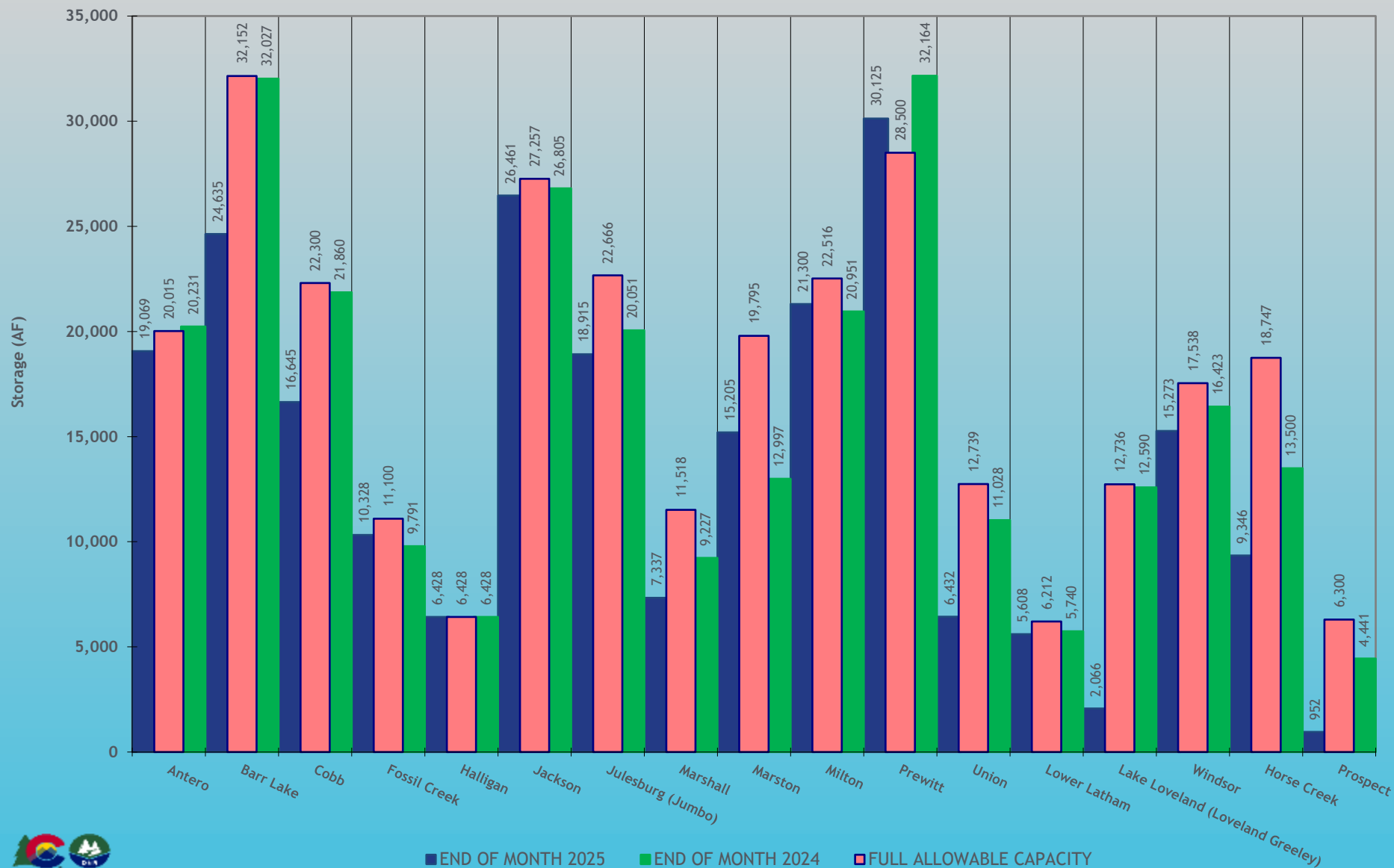
# South Platte Reservoir Storage above Kersey\*



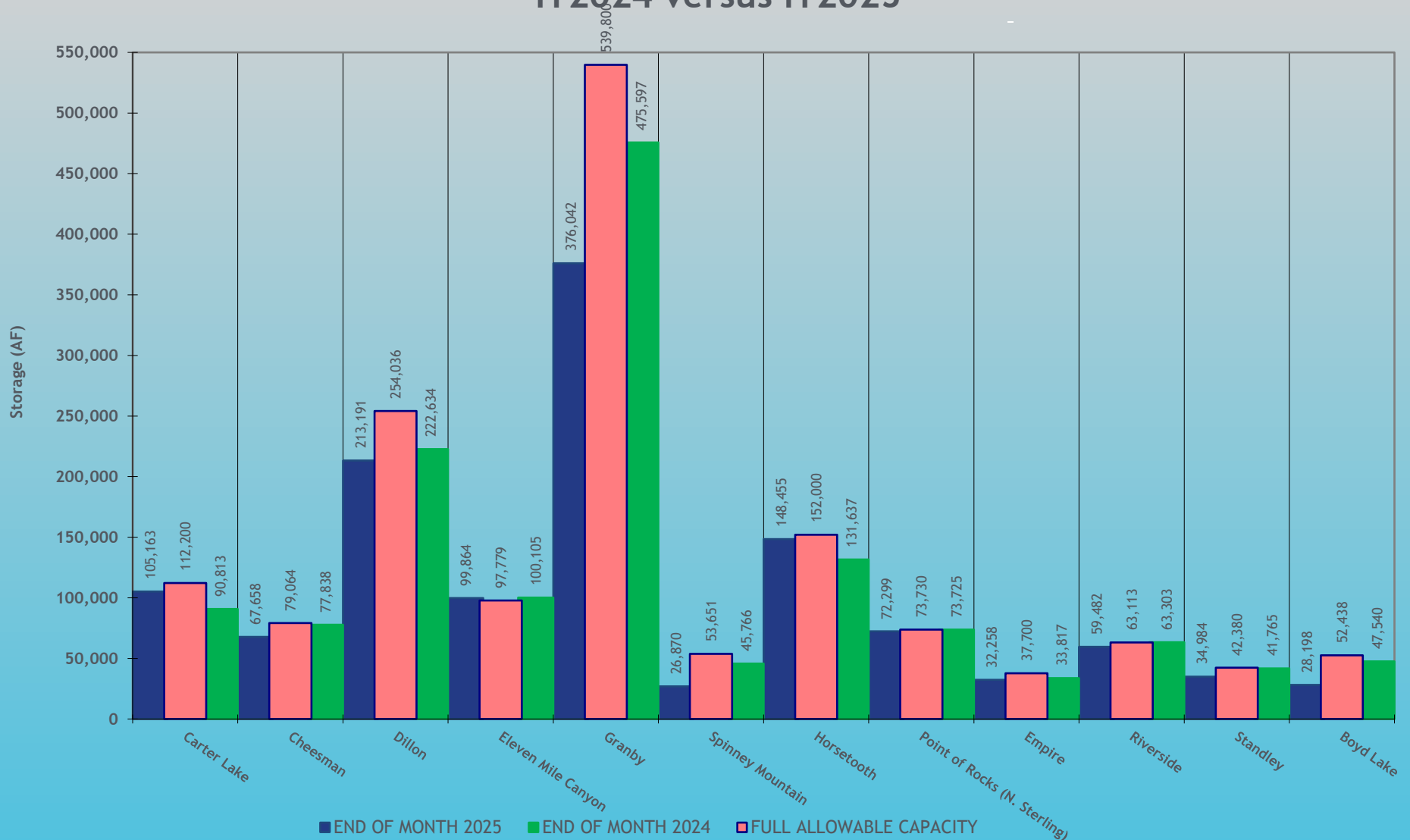
\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



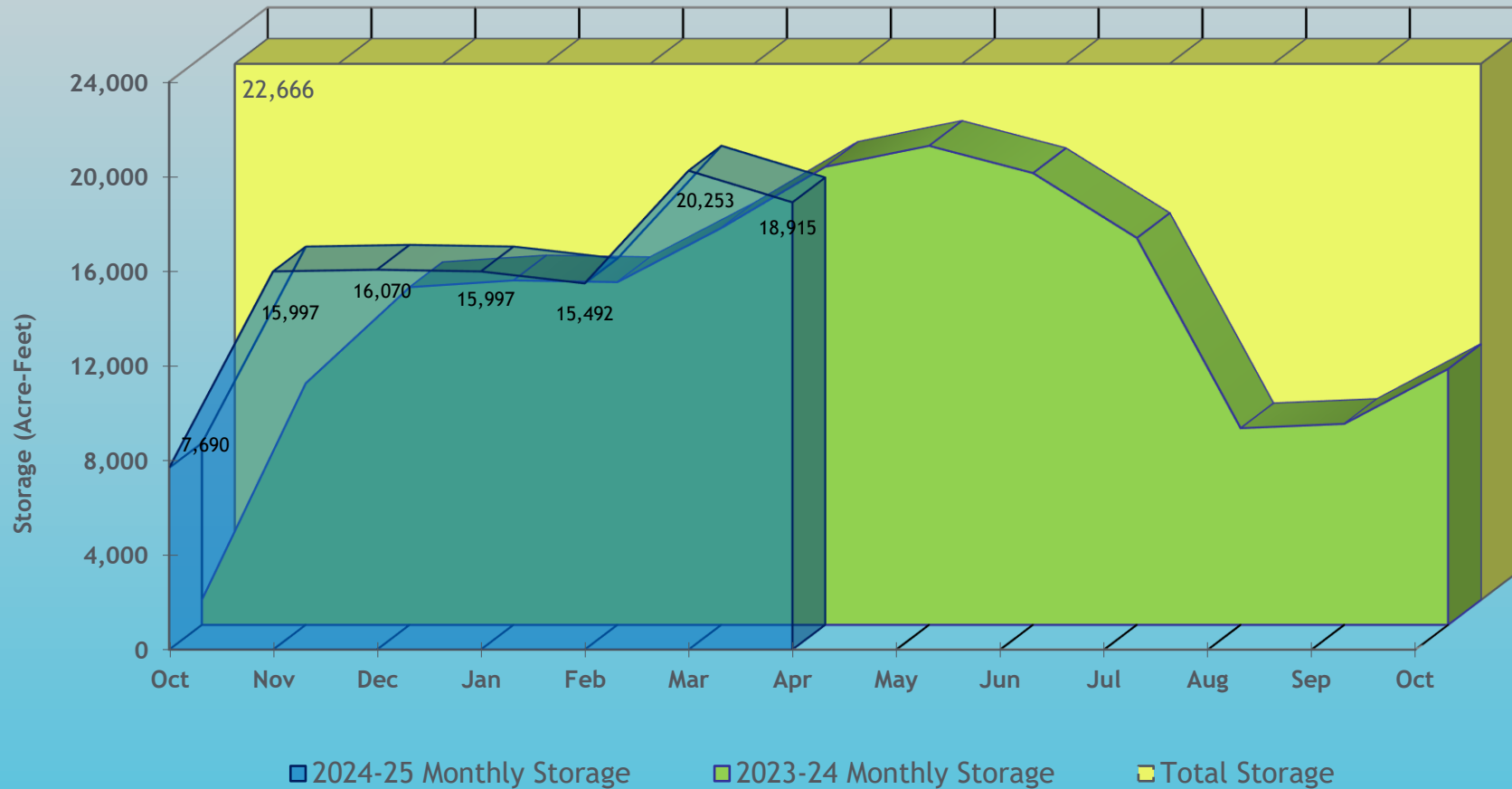
# April Reservoir Change in Storage IY2024 versus IY2025



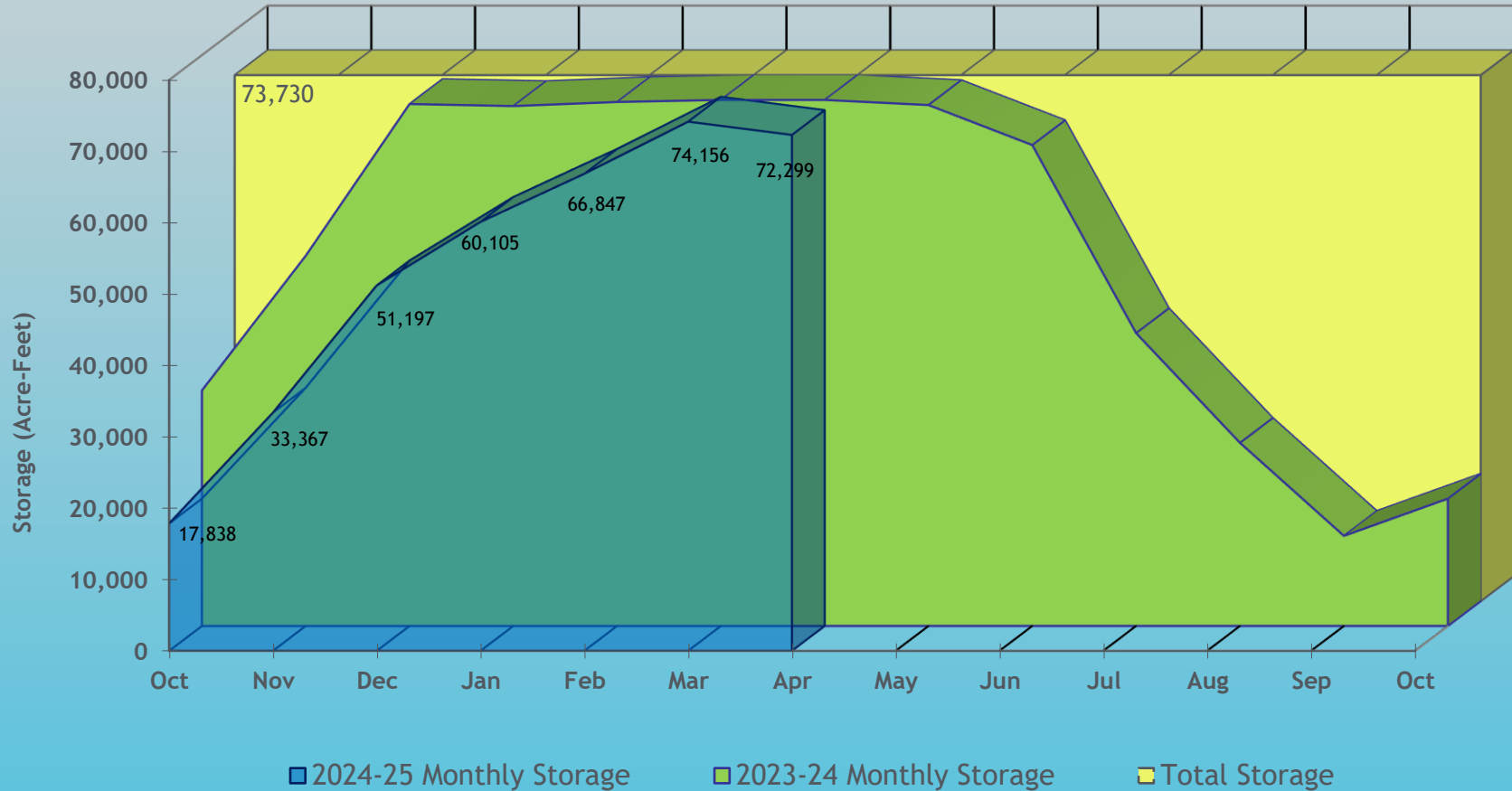
# April Reservoir Change in Storage IY2024 versus IY2025



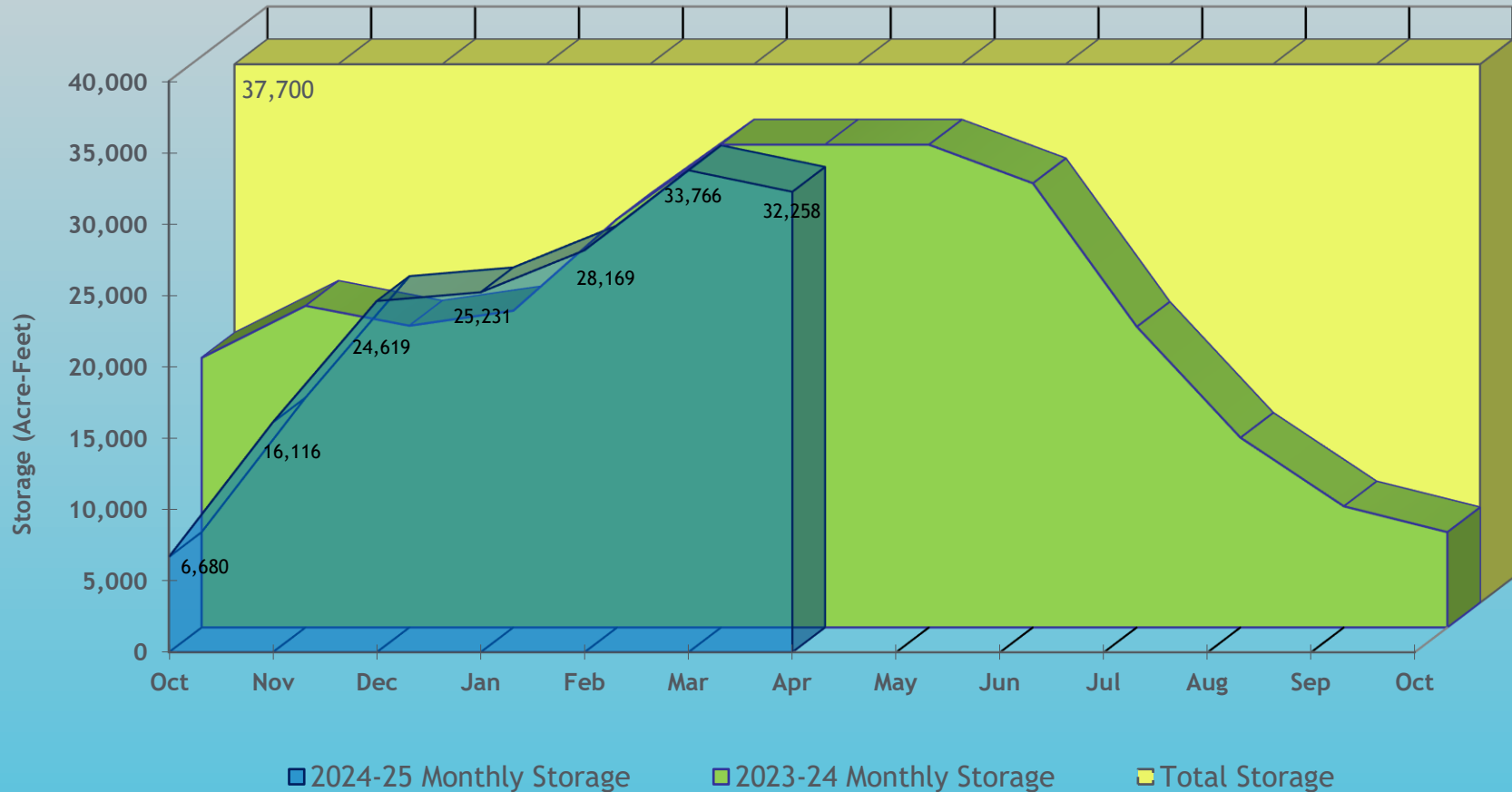
# Julesburg Reservoir (District 64 - Agricultural)



# North Sterling Reservoir (District 64 - Agricultural)



# Empire Reservoir (District 1 - Agricultural)

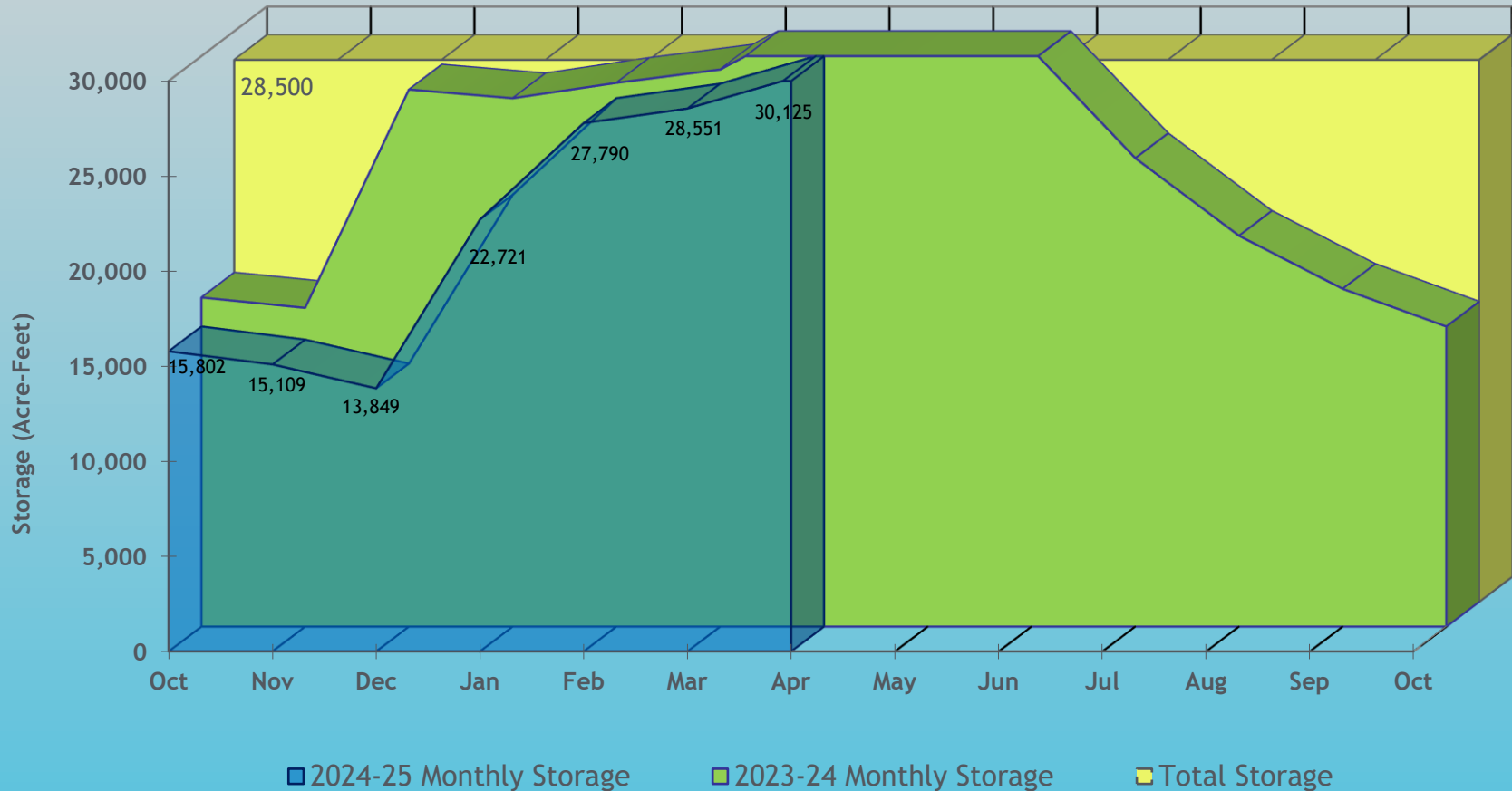


2024-25 Monthly Storage

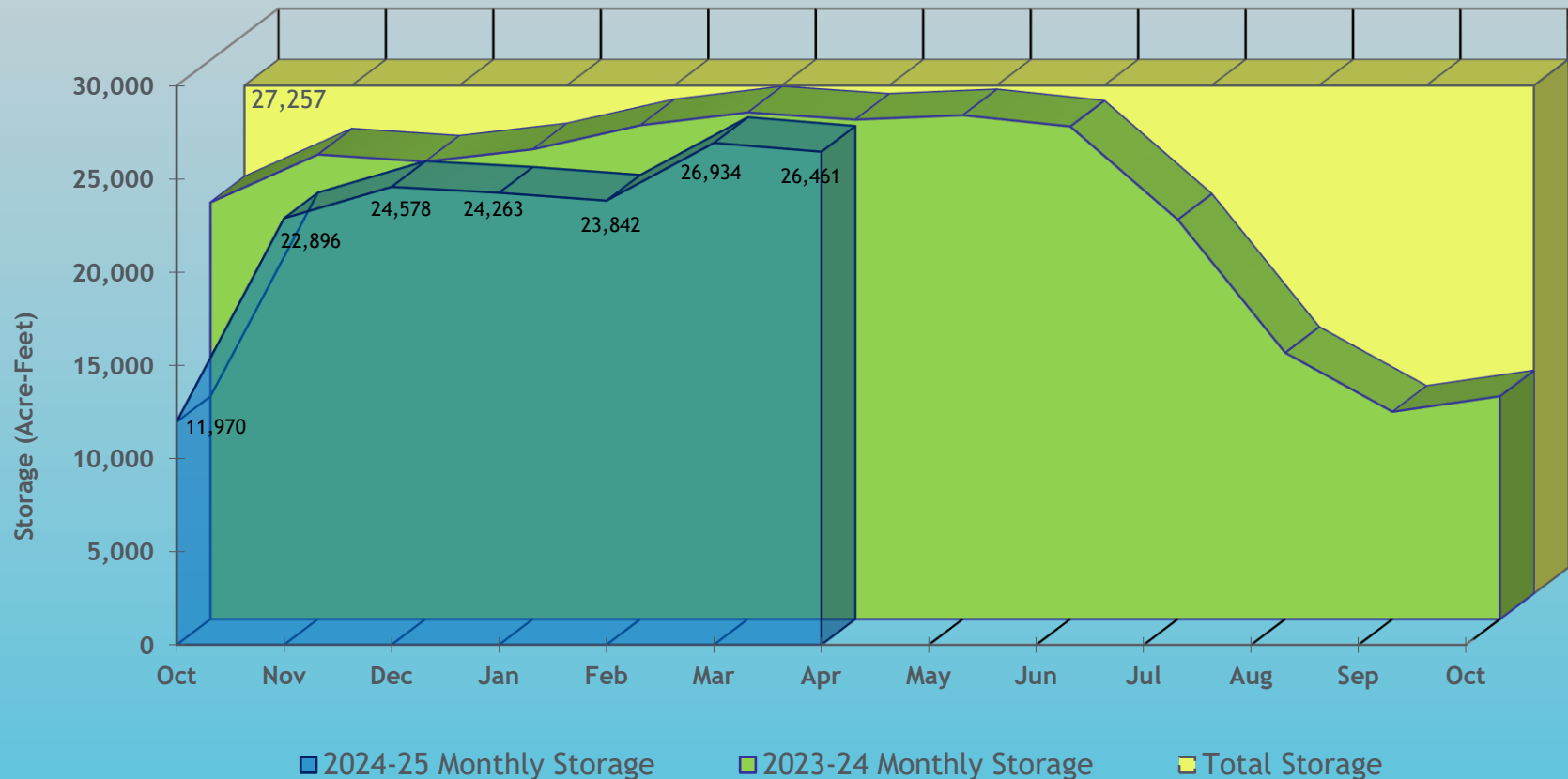
2023-24 Monthly Storage

Total Storage

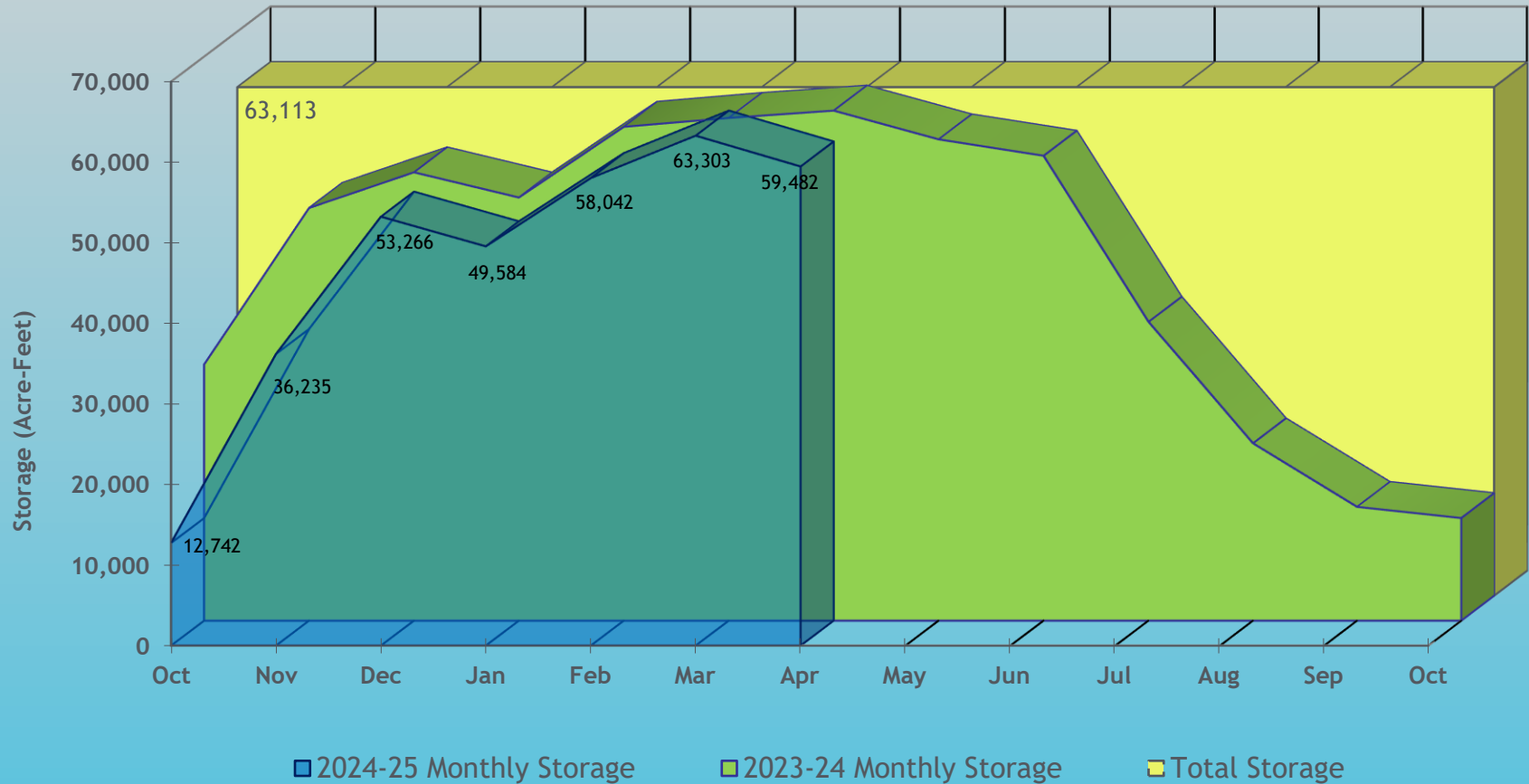
# Prewitt Reservoir (District 64 - Agricultural)



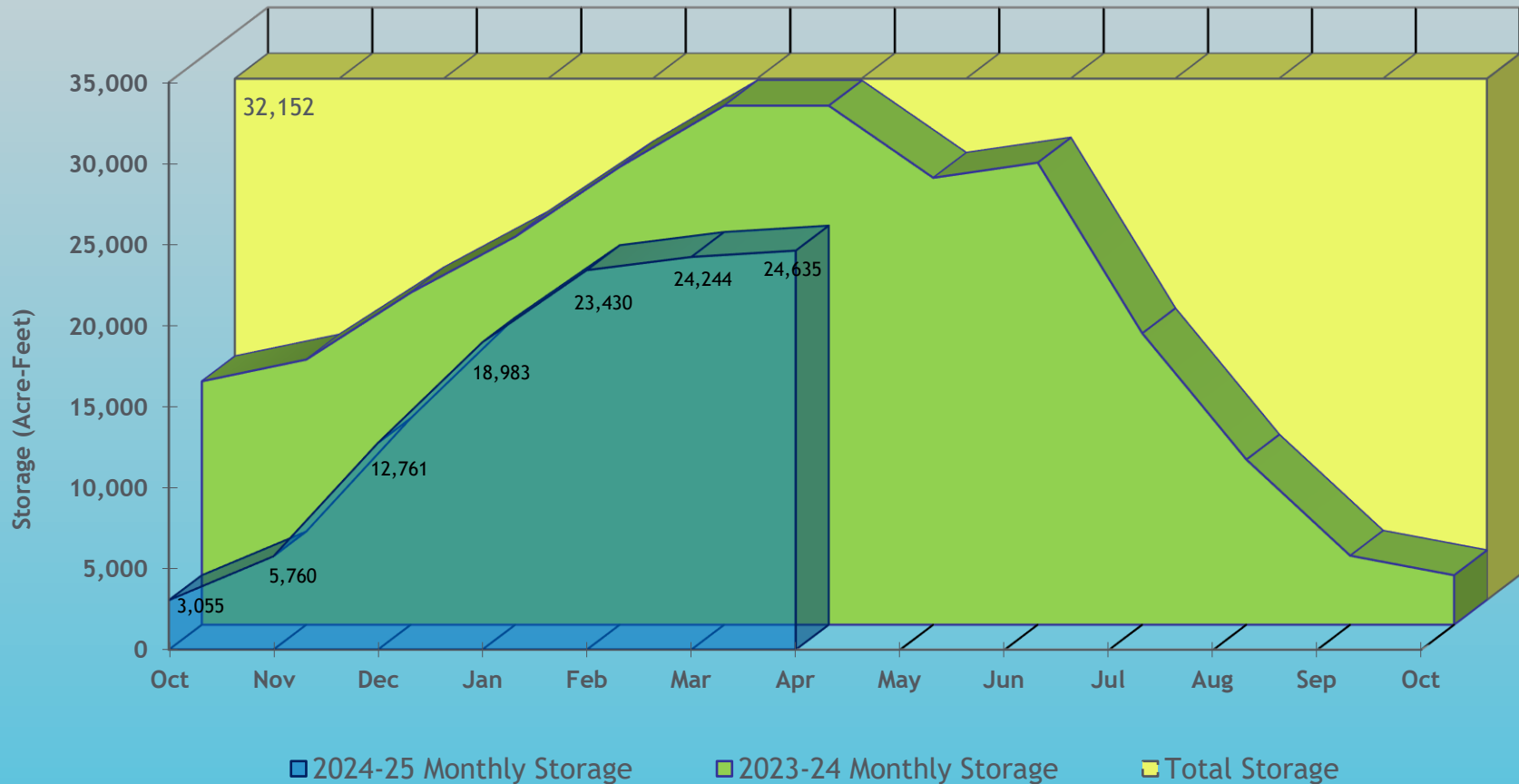
# Jackson Reservoir (District 1 - Agricultural)



# Riverside Reservoir (District 1 - Agricultural)

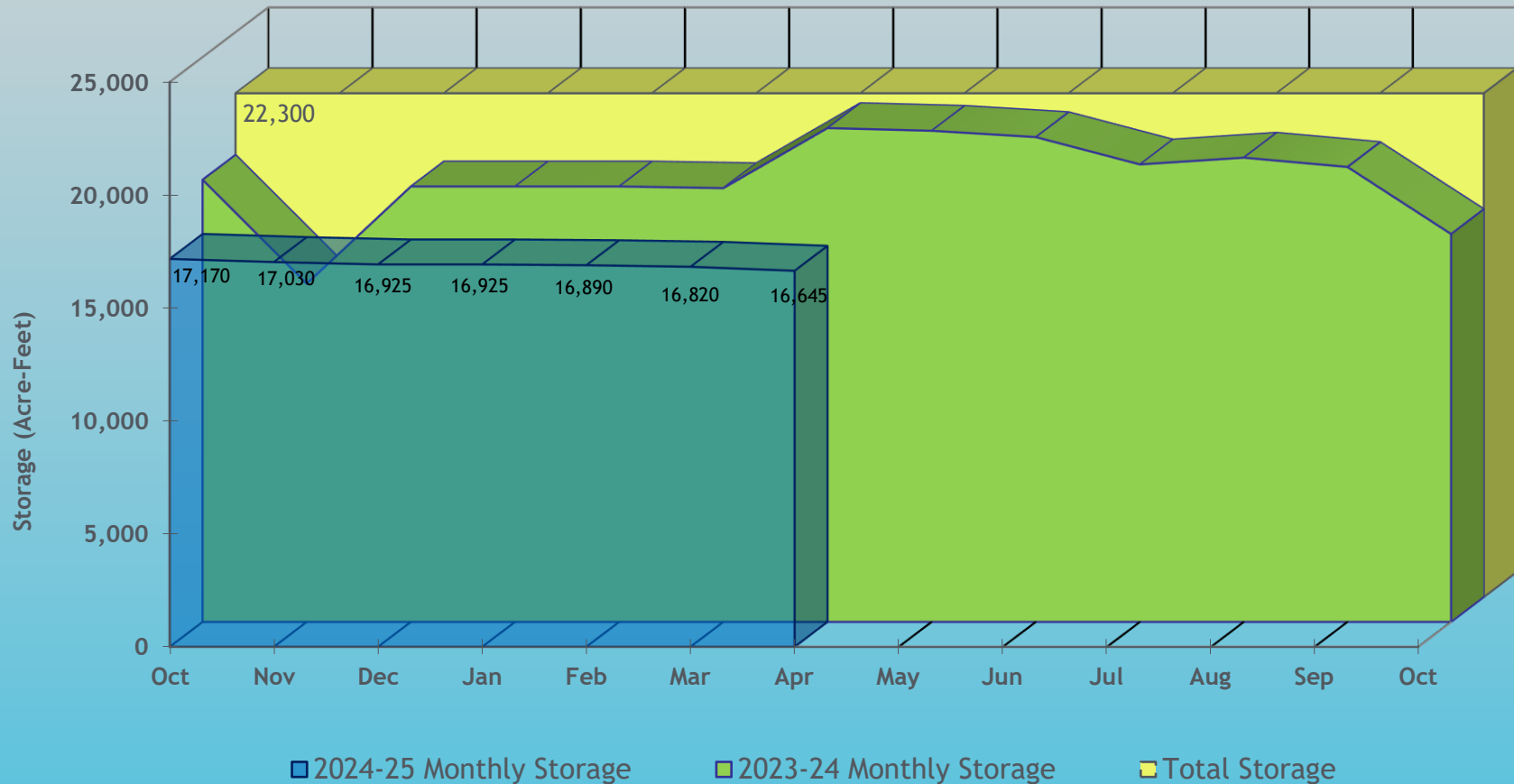


# Barr Reservoir (District 2 - Agricultural)



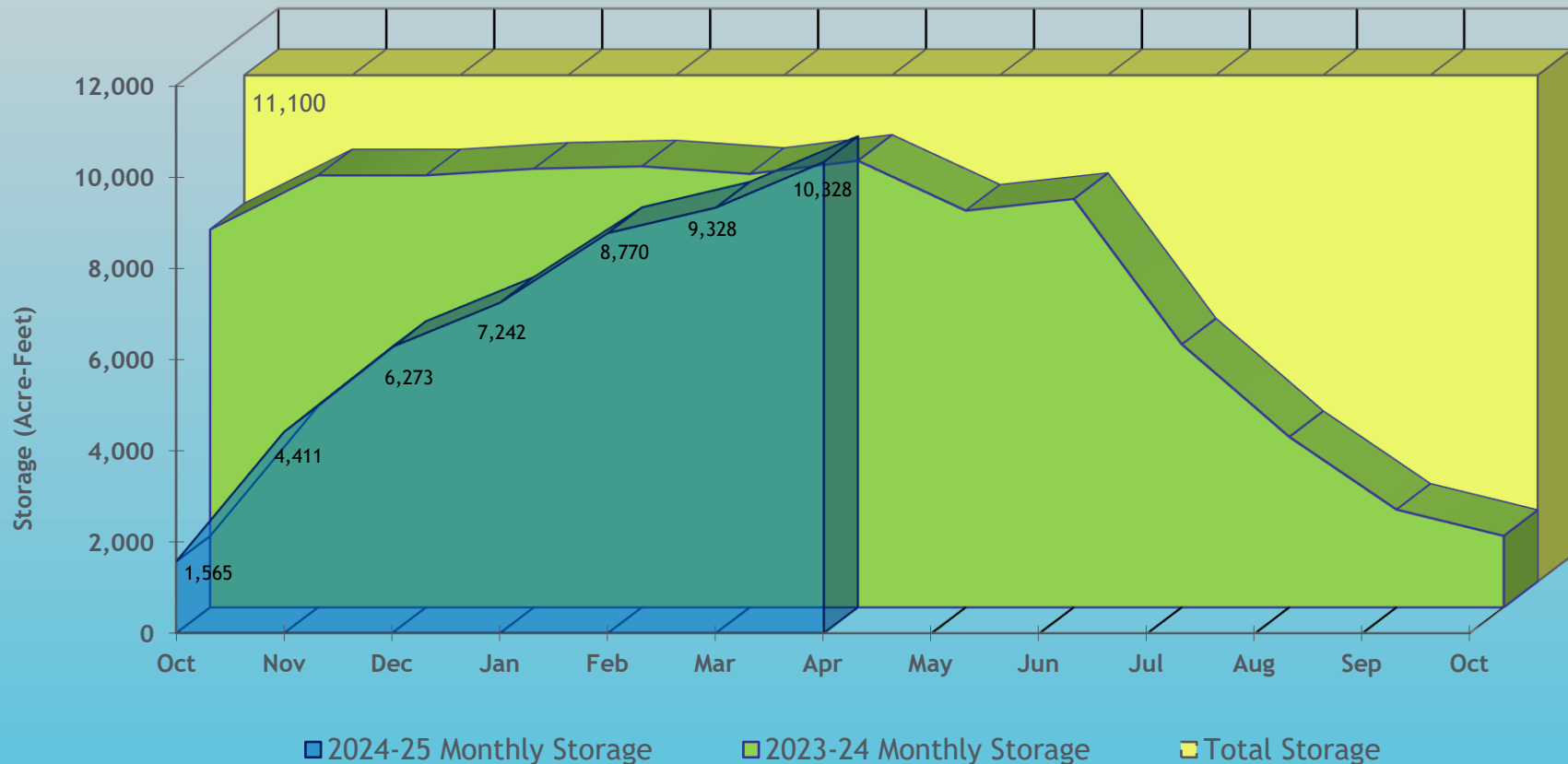
# Cobb Reservoir

## (District 3, Poudre River - Agricultural)



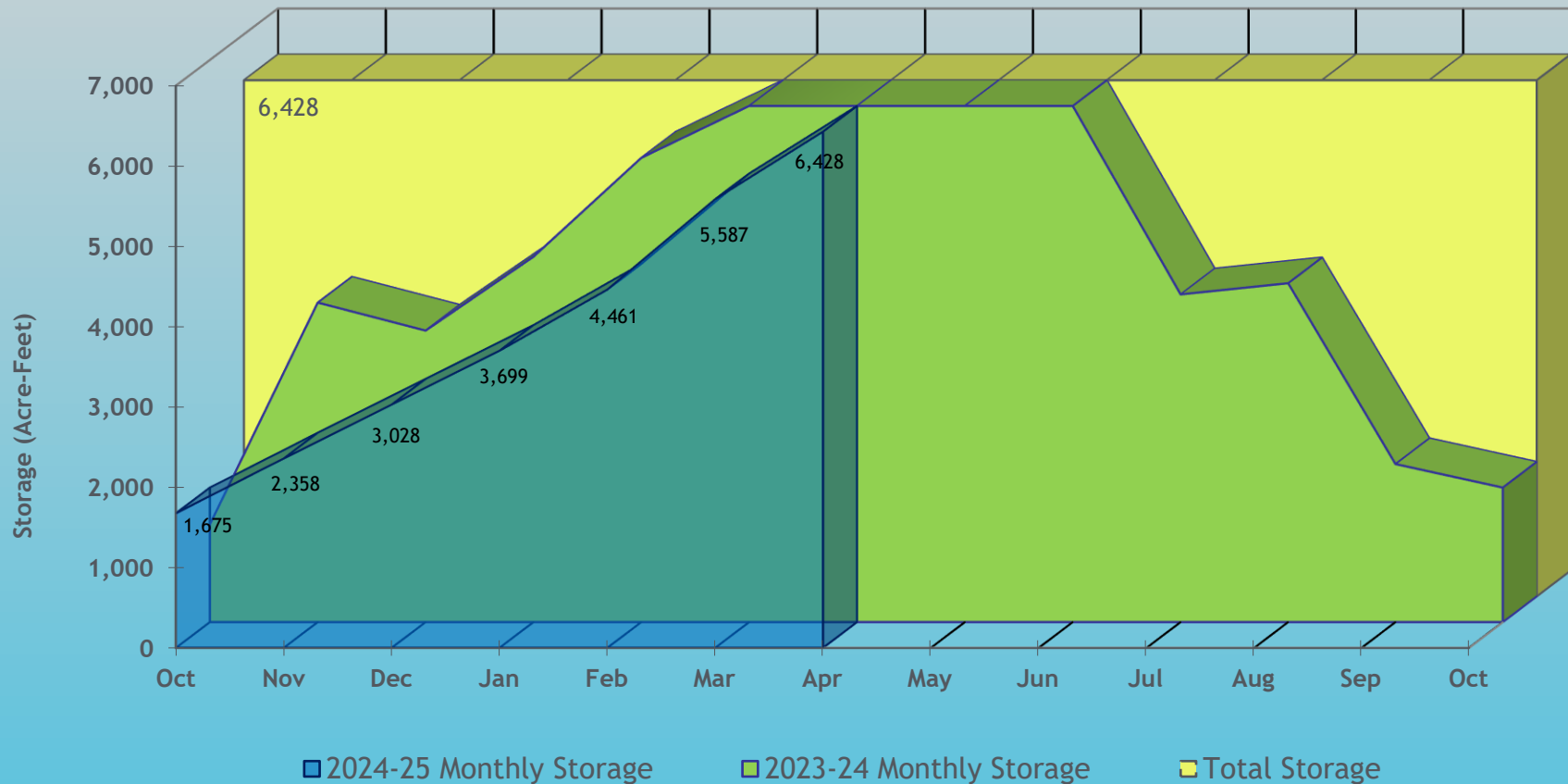
# Fossil Creek Reservoir

## (District 3, Poudre River - Agricultural)

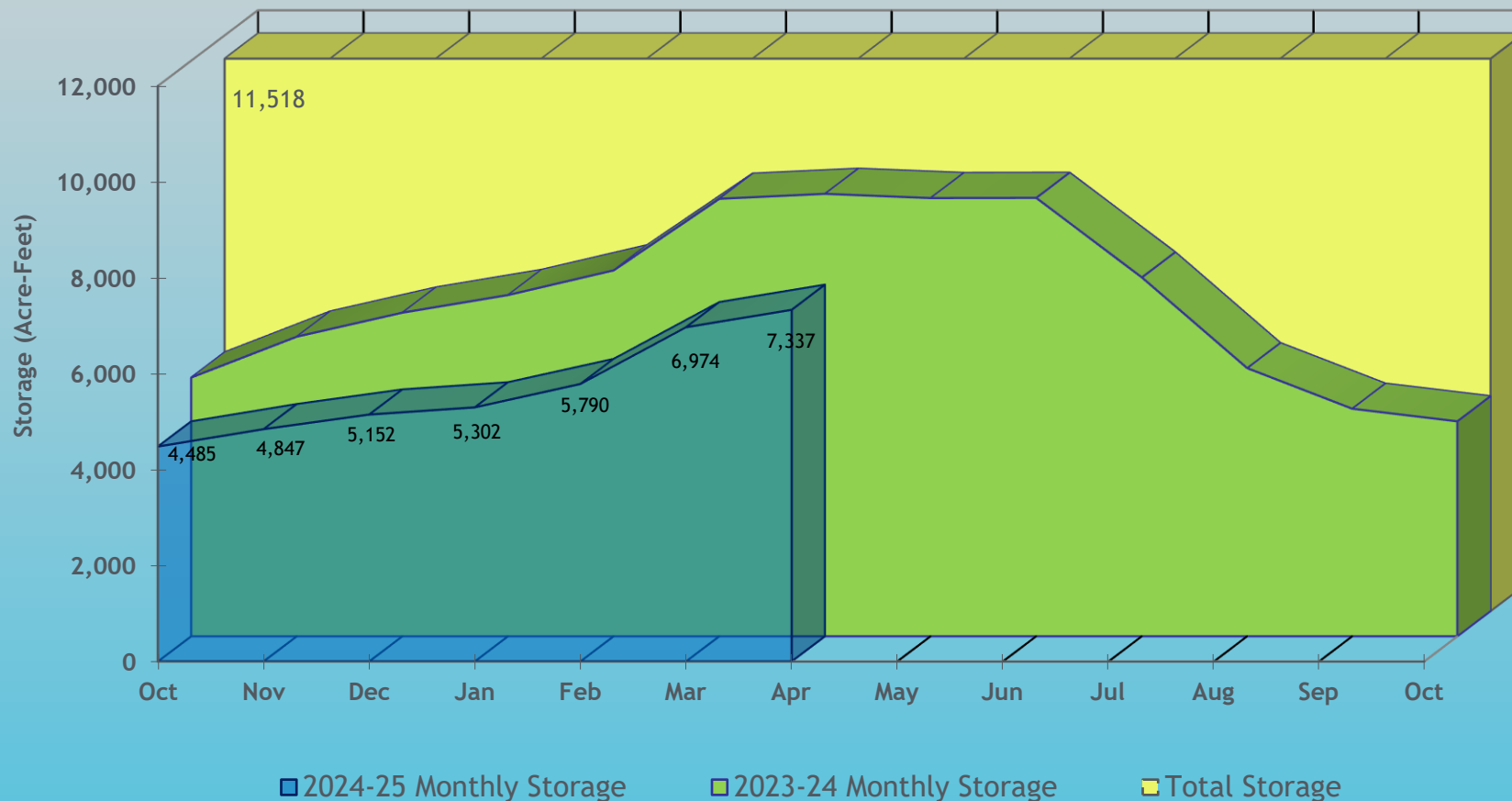


# Halligan Reservoir

## (District 3, Poudre River - Agricultural)



# Marshall Lake (District 6, Boulder Creek - Agricultural)

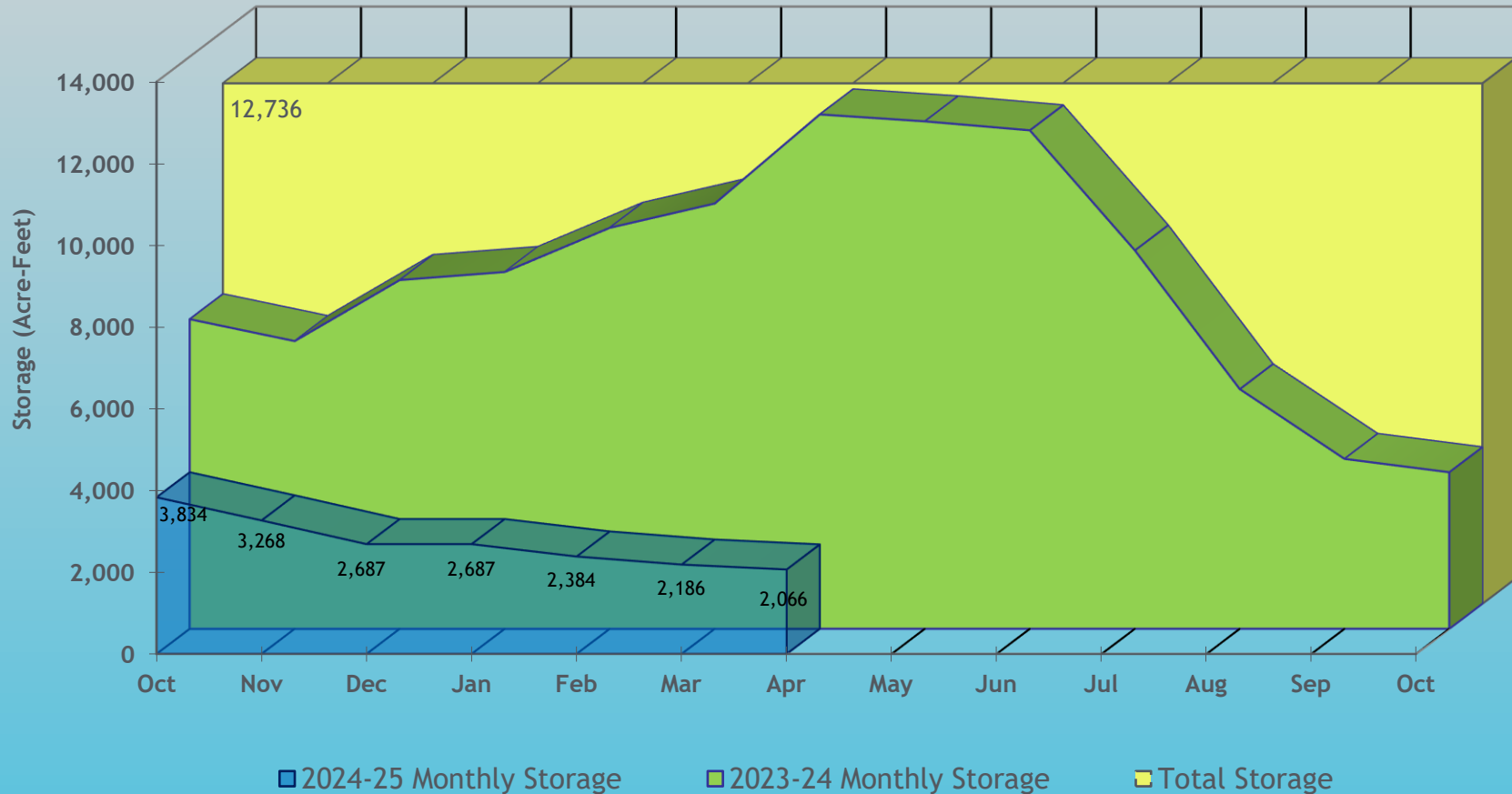


2024-25 Monthly Storage

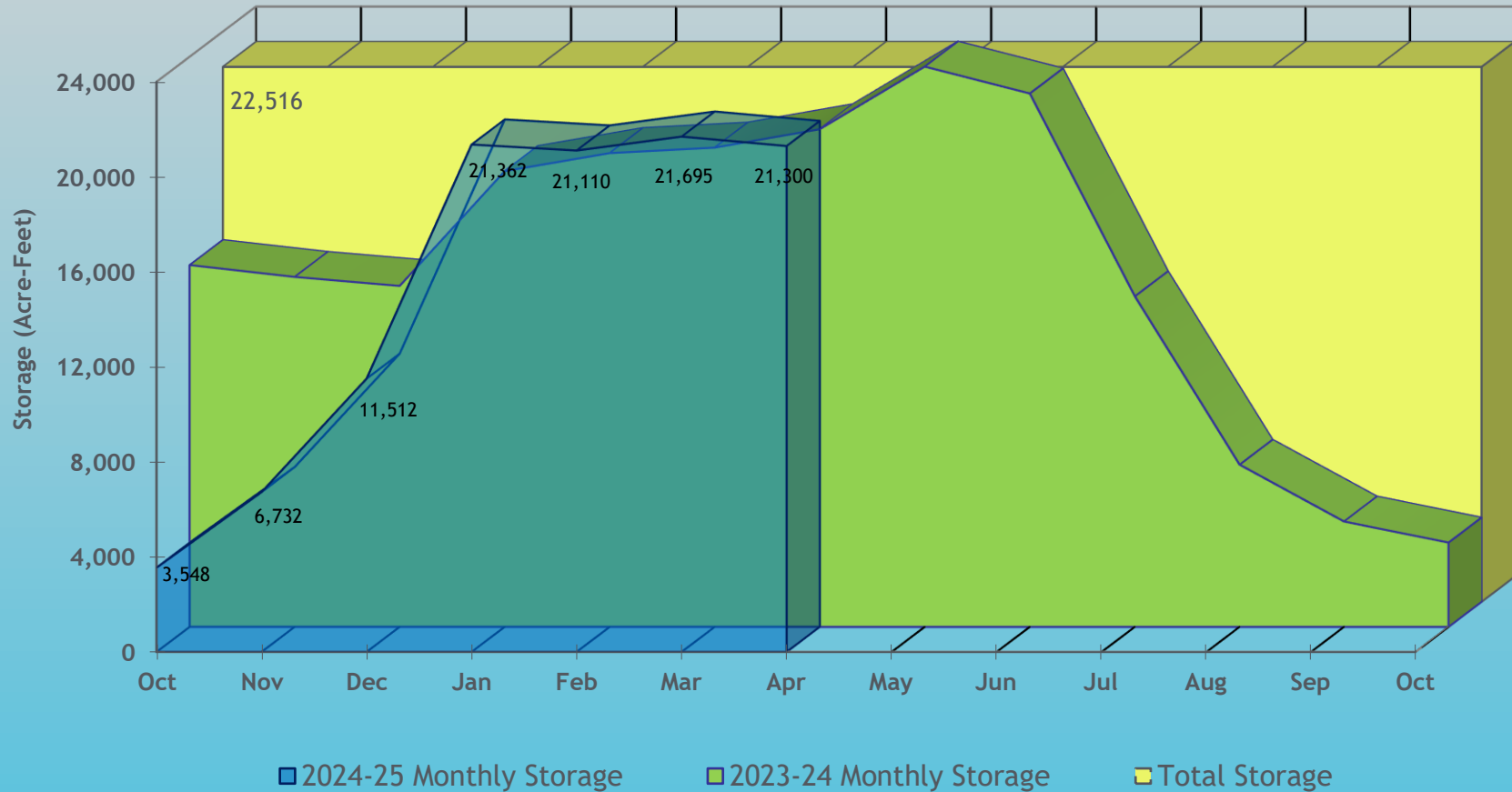
2023-24 Monthly Storage

Total Storage

# Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



# Milton Reservoir (District 2 - Agricultural)



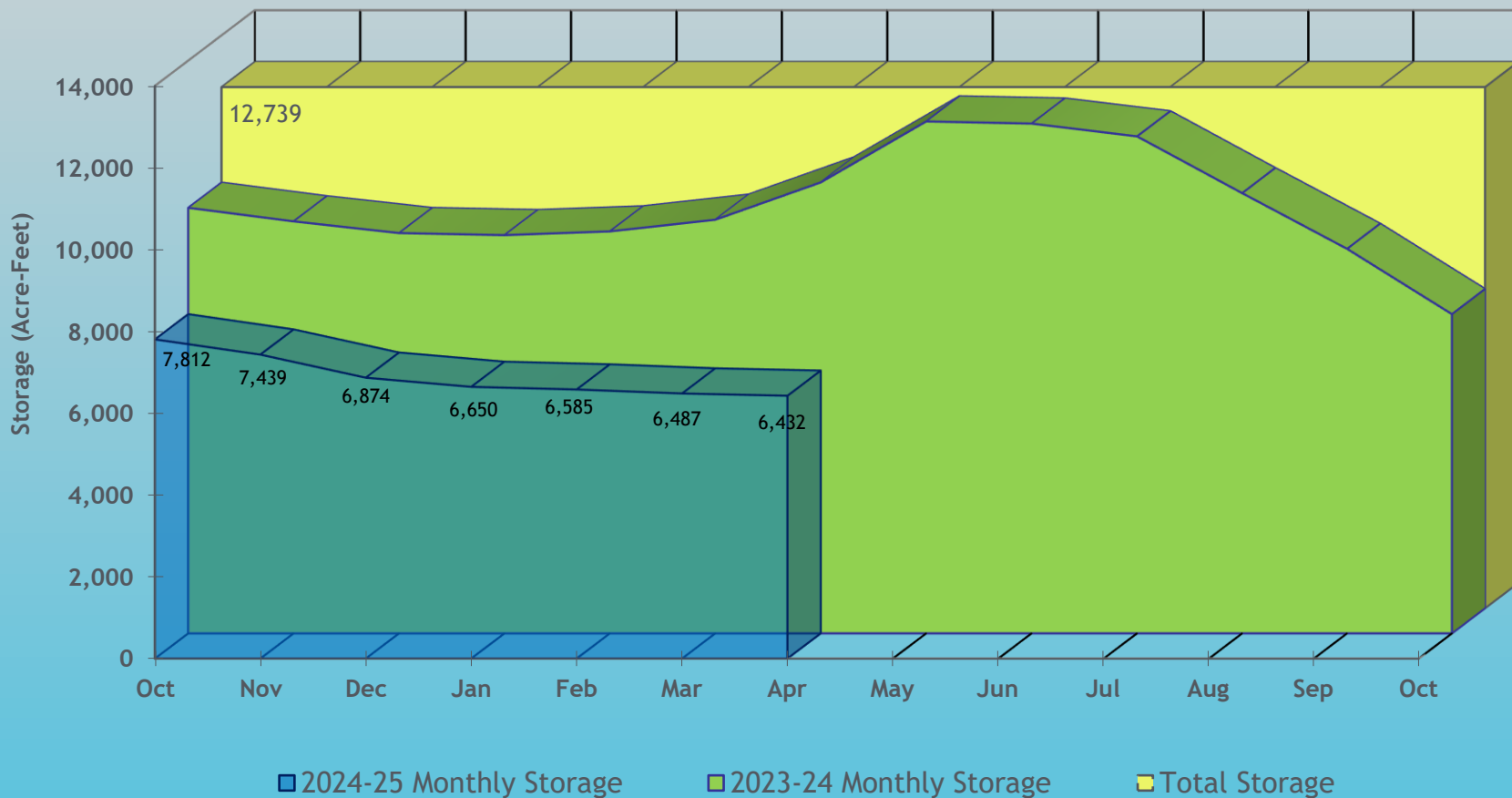
2024-25 Monthly Storage

2023-24 Monthly Storage

Total Storage

# Union Reservoir

## (District 5, St. Vrain Creek - Agricultural)

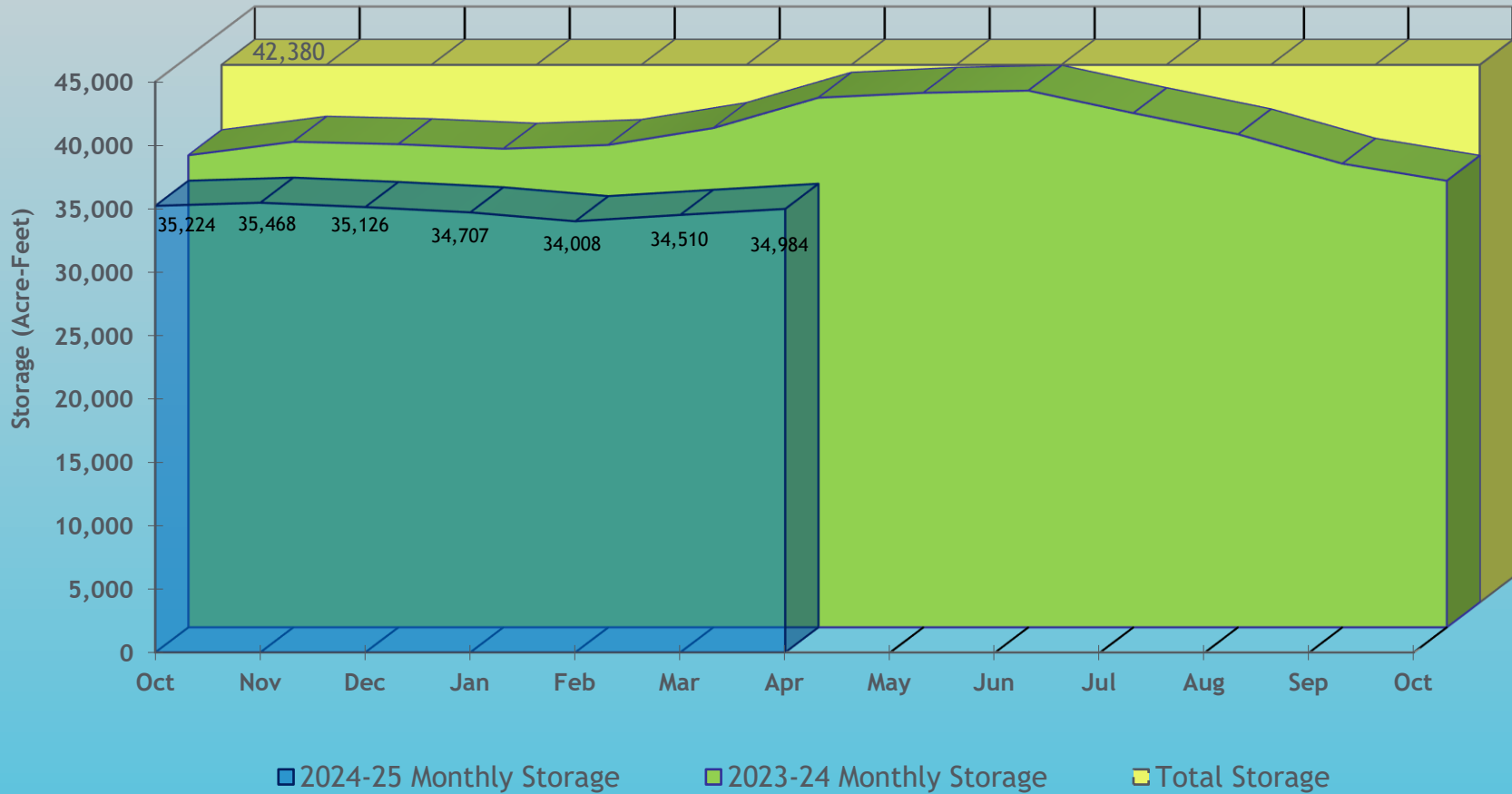


2024-25 Monthly Storage

2023-24 Monthly Storage

Total Storage

# Standley Lake (Agricultural)

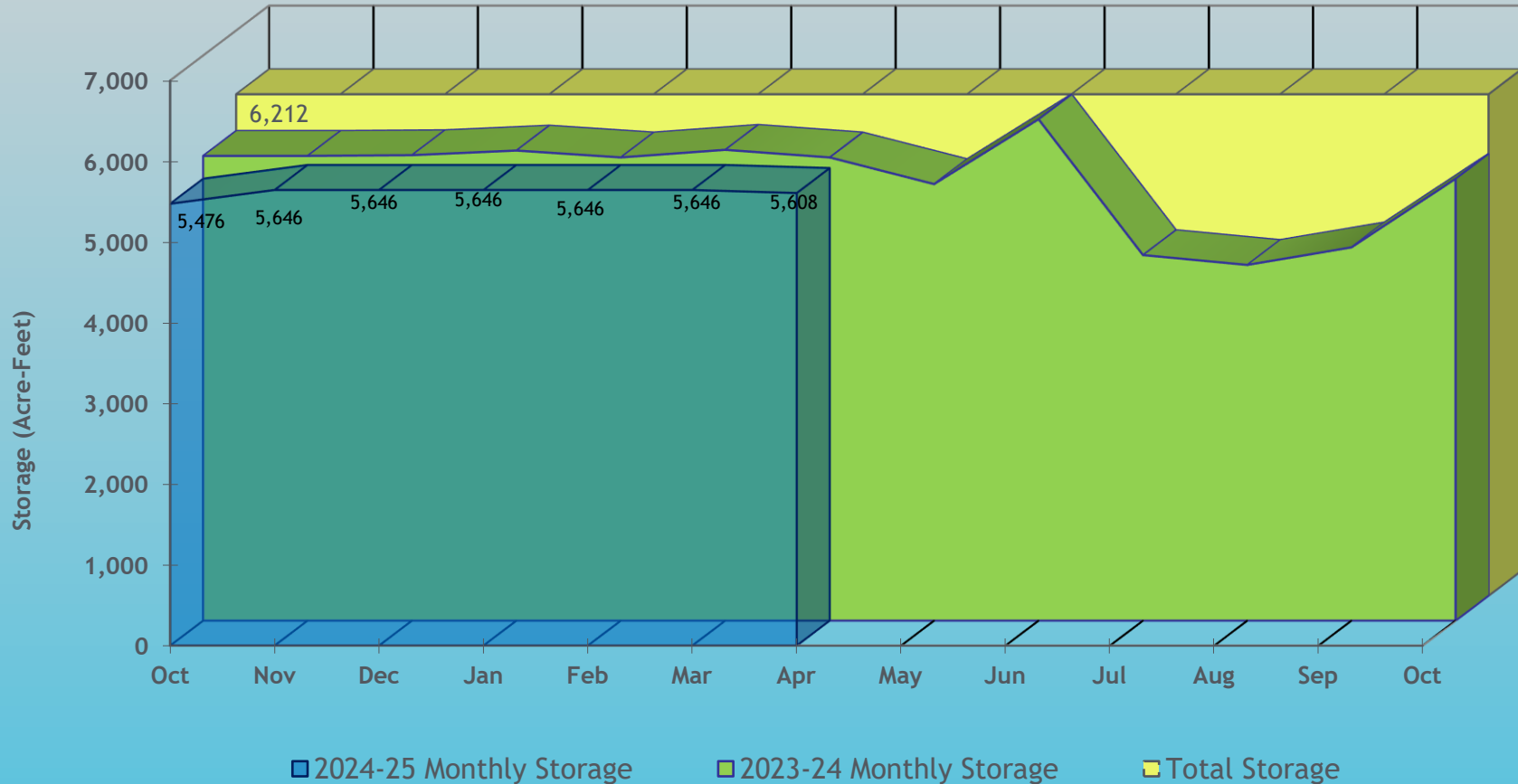


2024-25 Monthly Storage

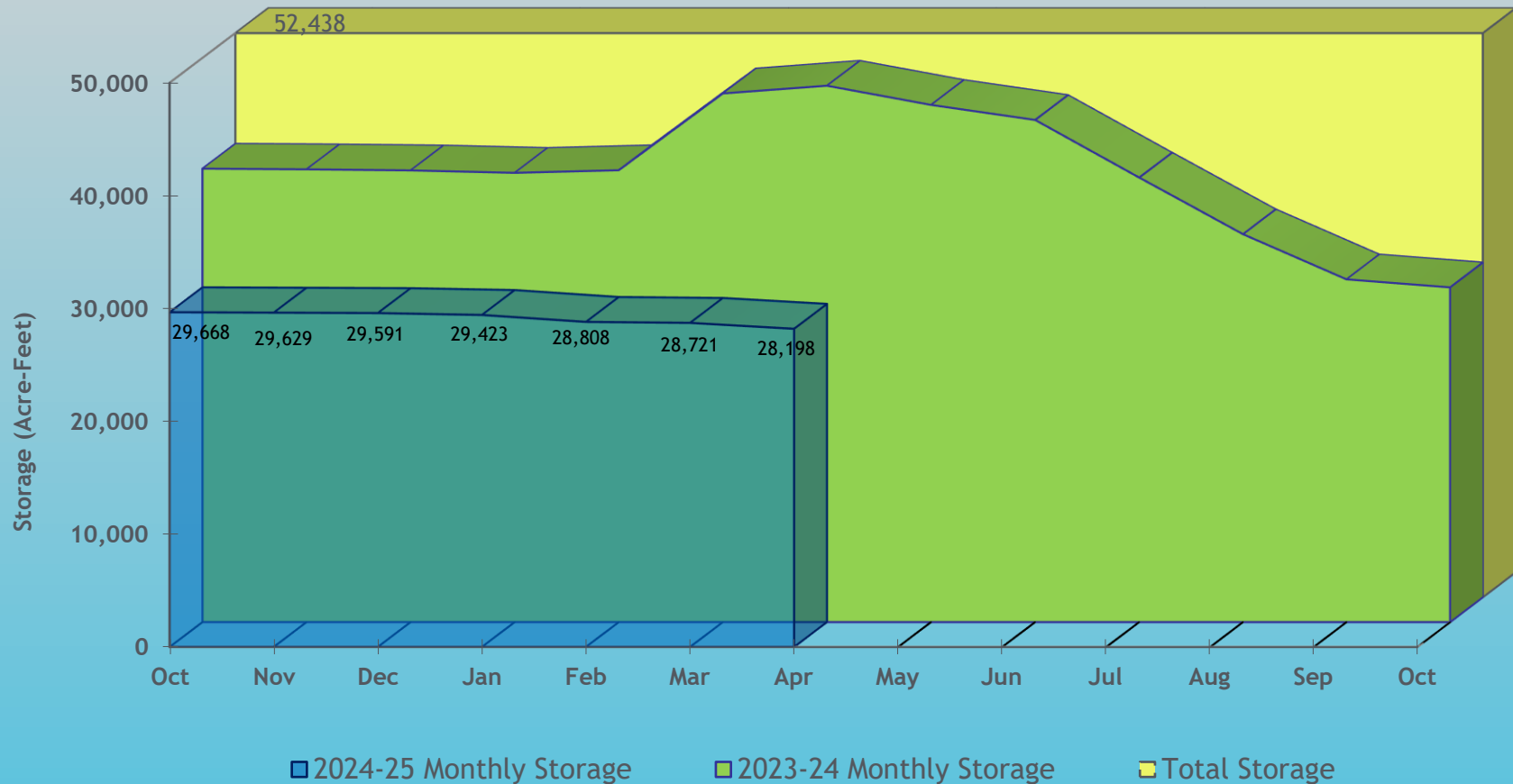
2023-24 Monthly Storage

Total Storage

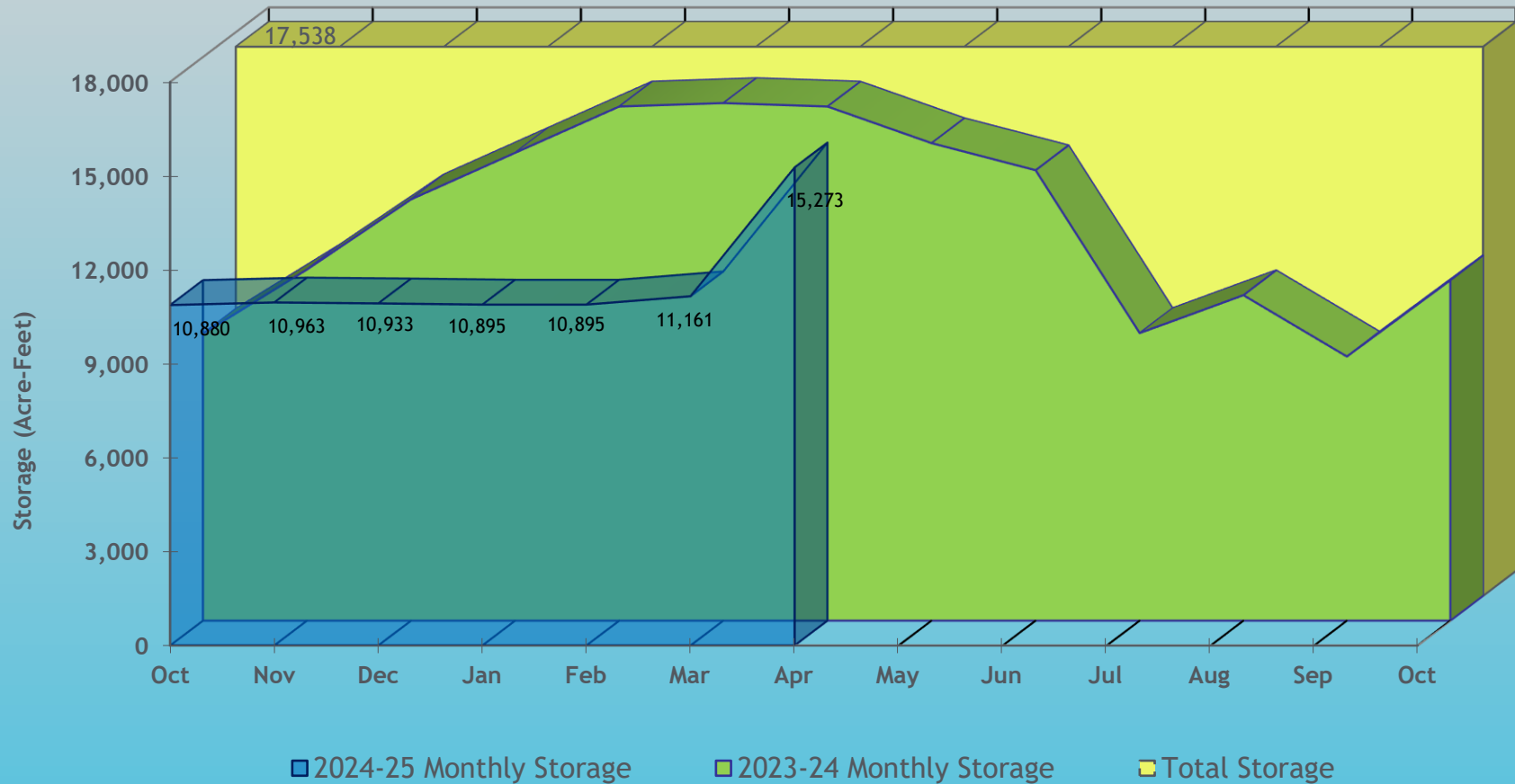
# Lower Latham Reservoir (District 2 - Agricultural)



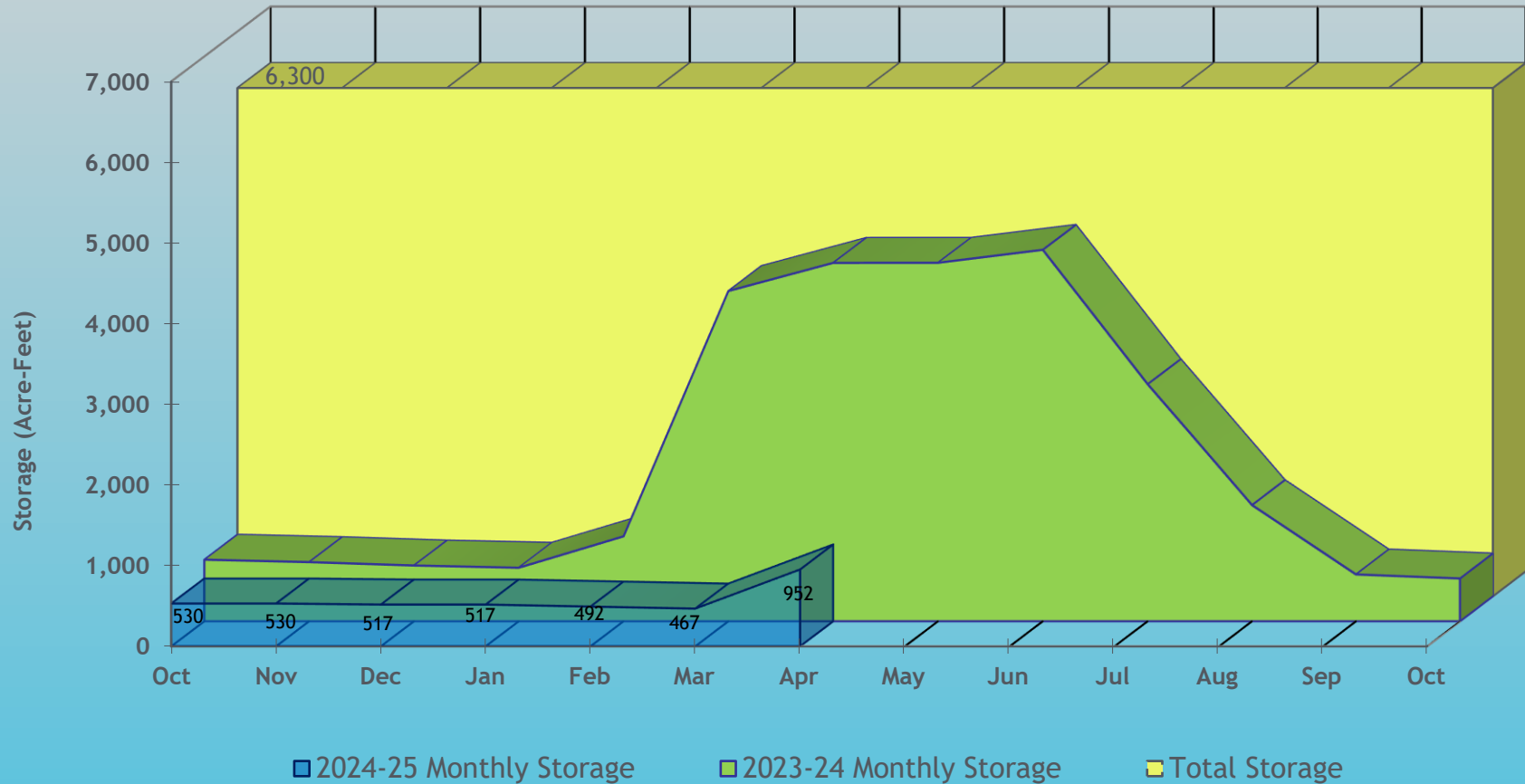
# Boyd Lake (District 4, Big Thompson River - Agricultural)



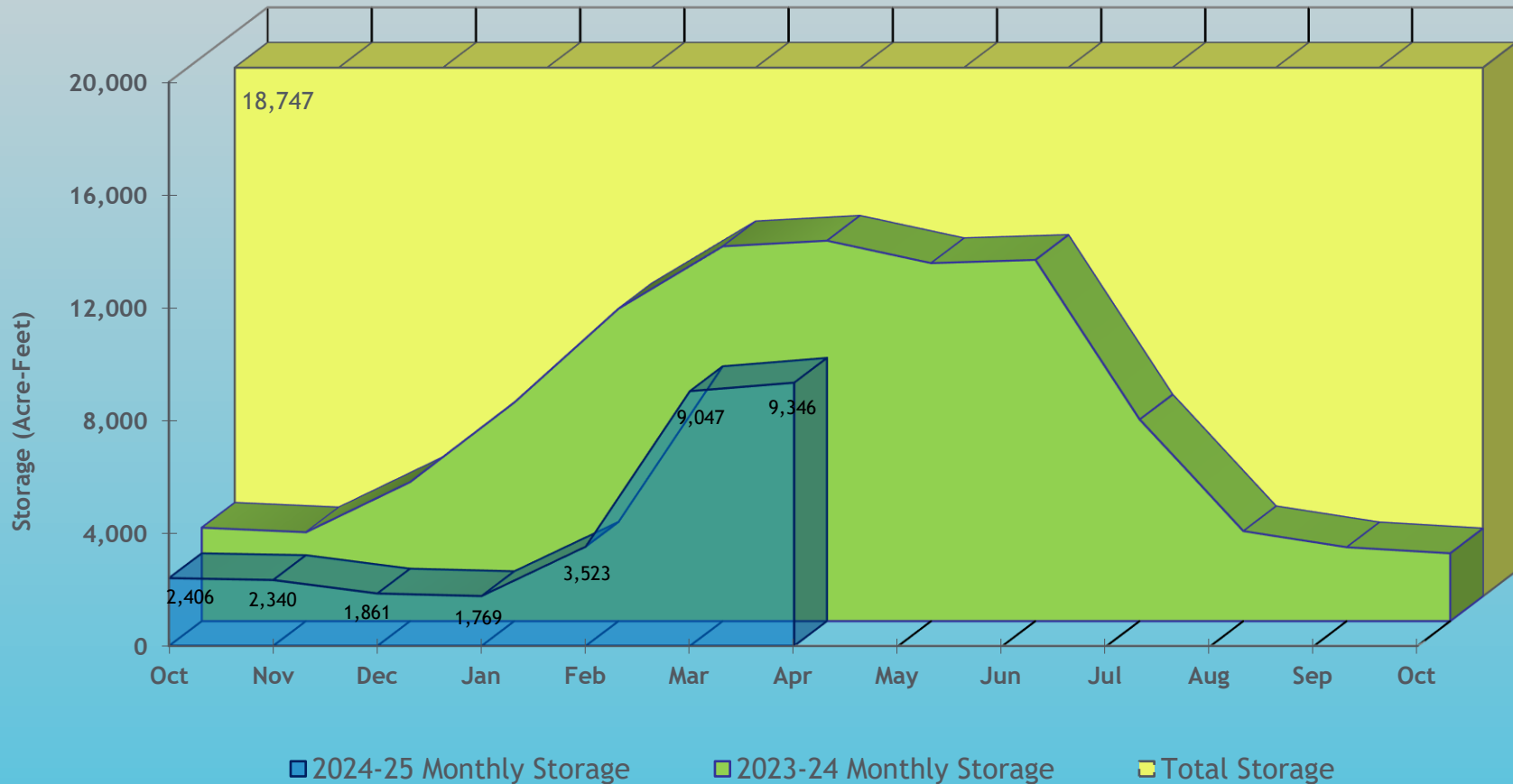
# Windsor Reservoir (District 3, Poudre River - Agricultural)



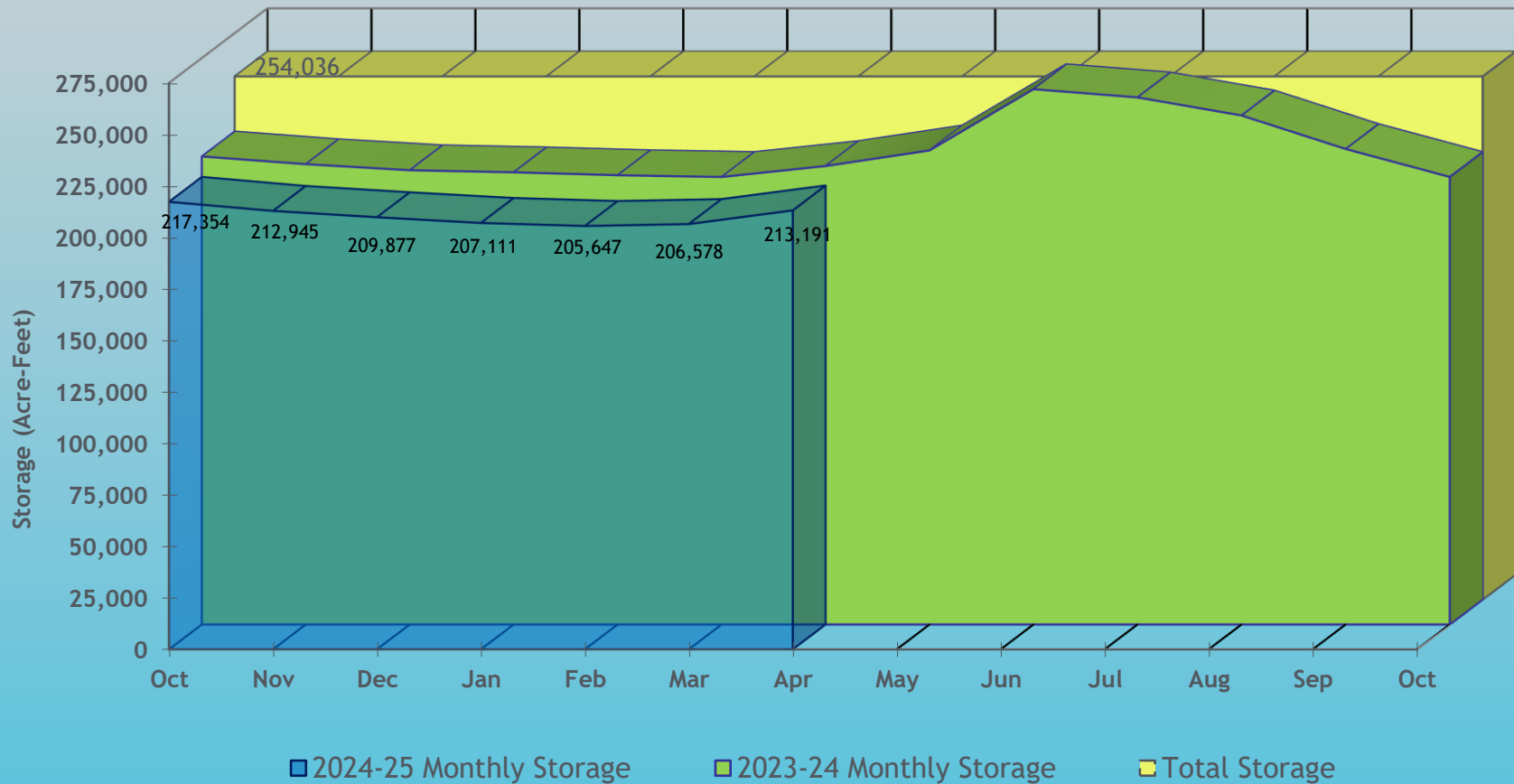
# Prospect Reservoir (District 1 - Agricultural)



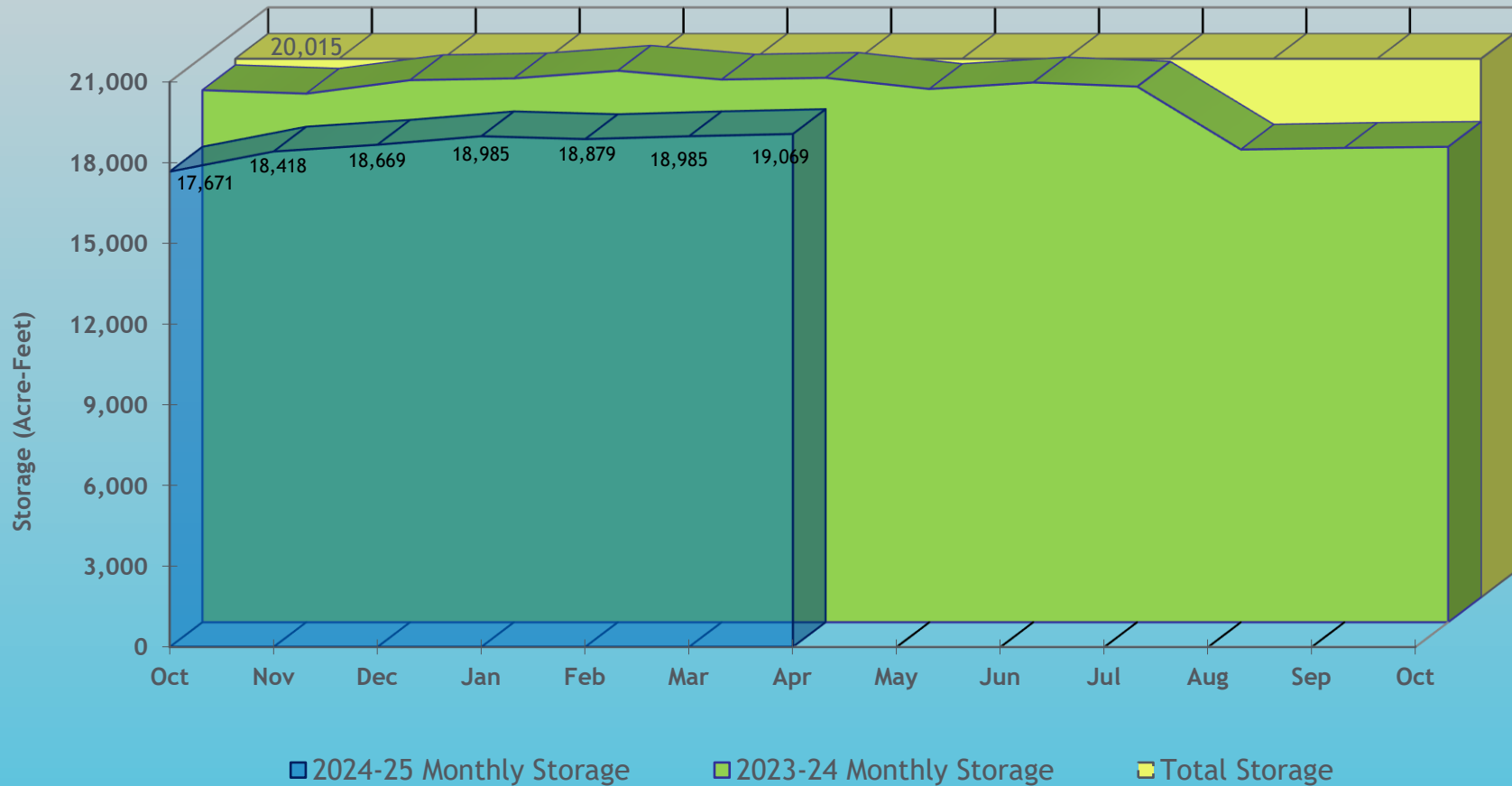
# Horse Creek Reservoir (District 1 - Agricultural)



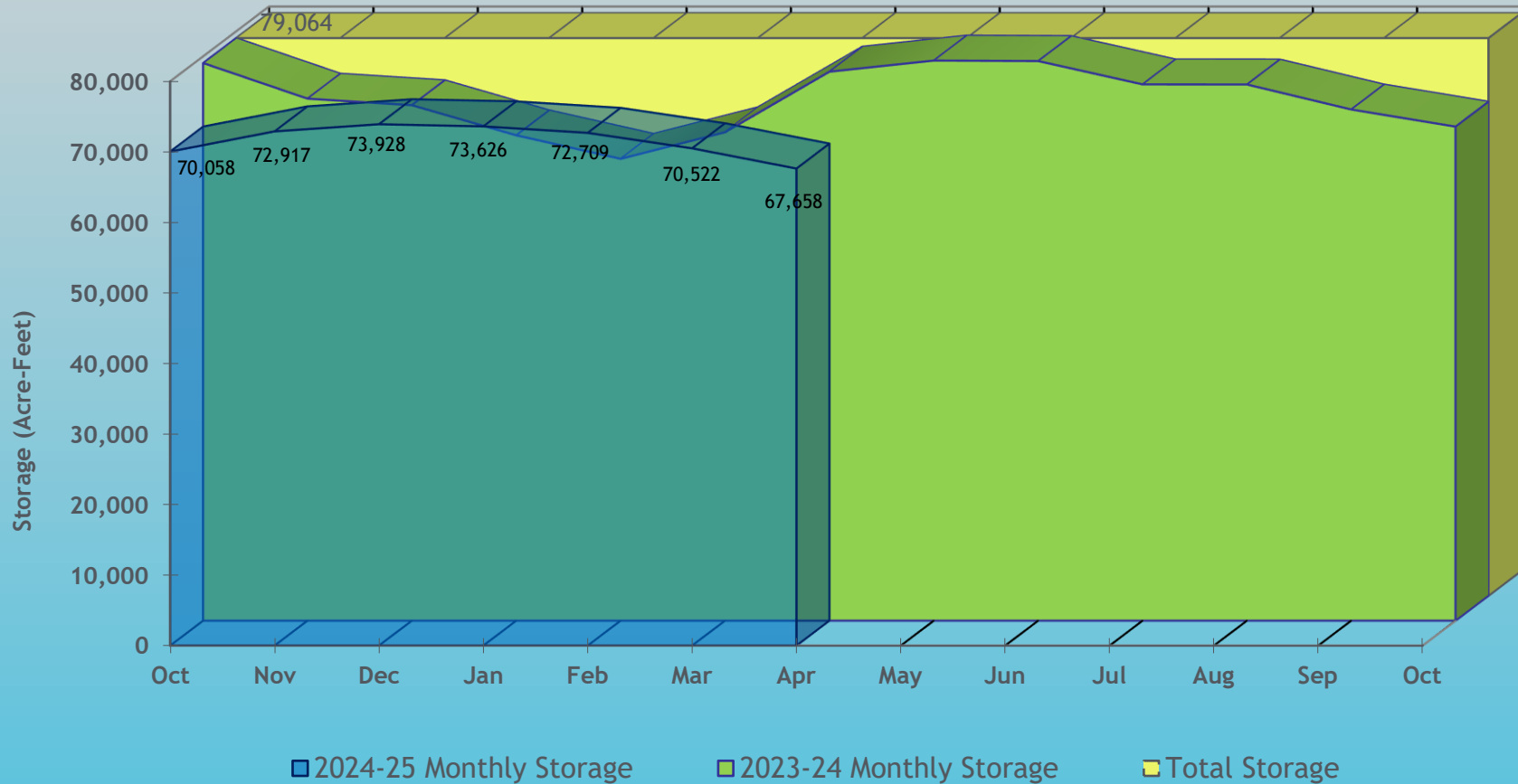
# Dillon Reservoir (District 1 - Municipal)



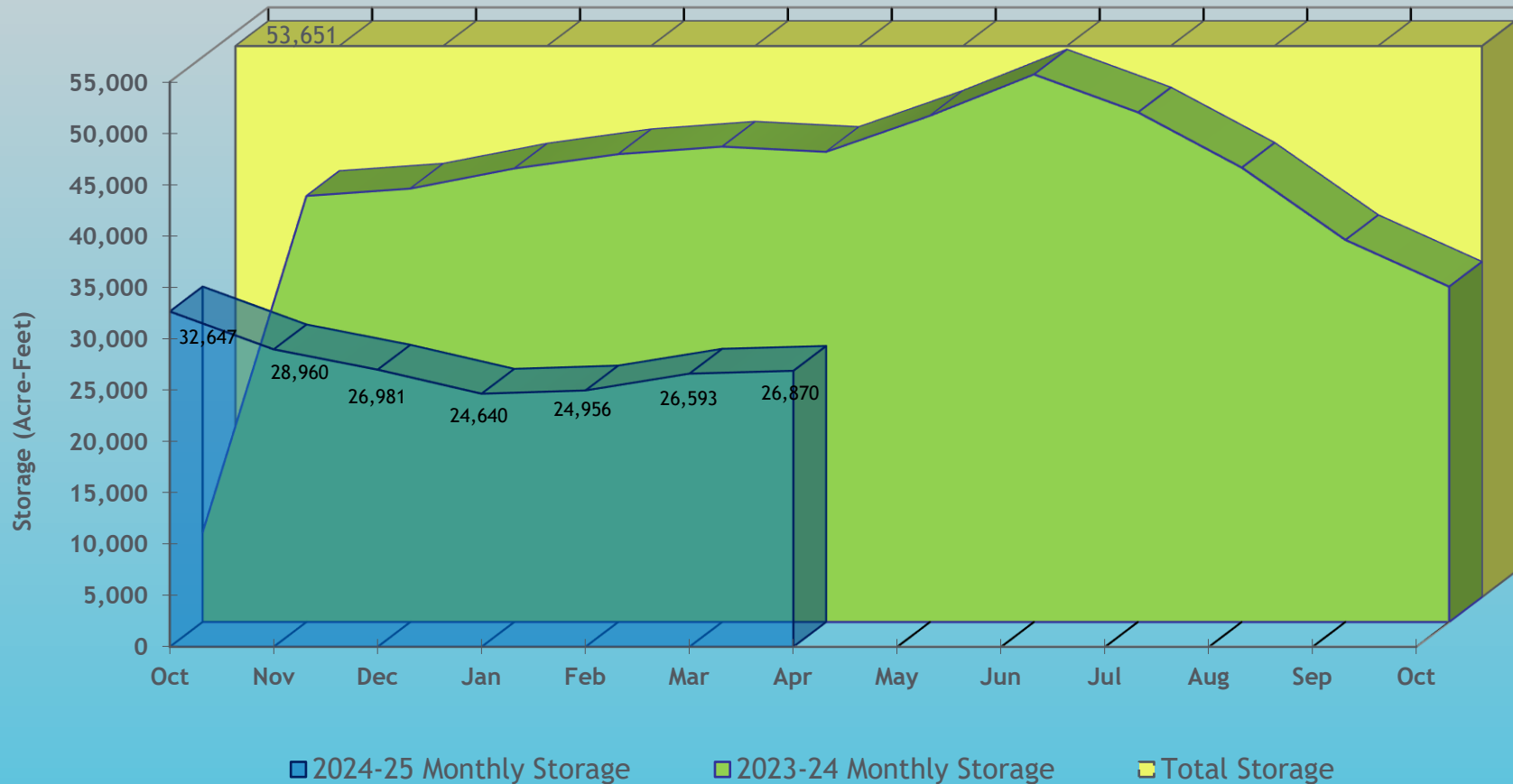
# Antero Reservoir (District 23 - Municipal)



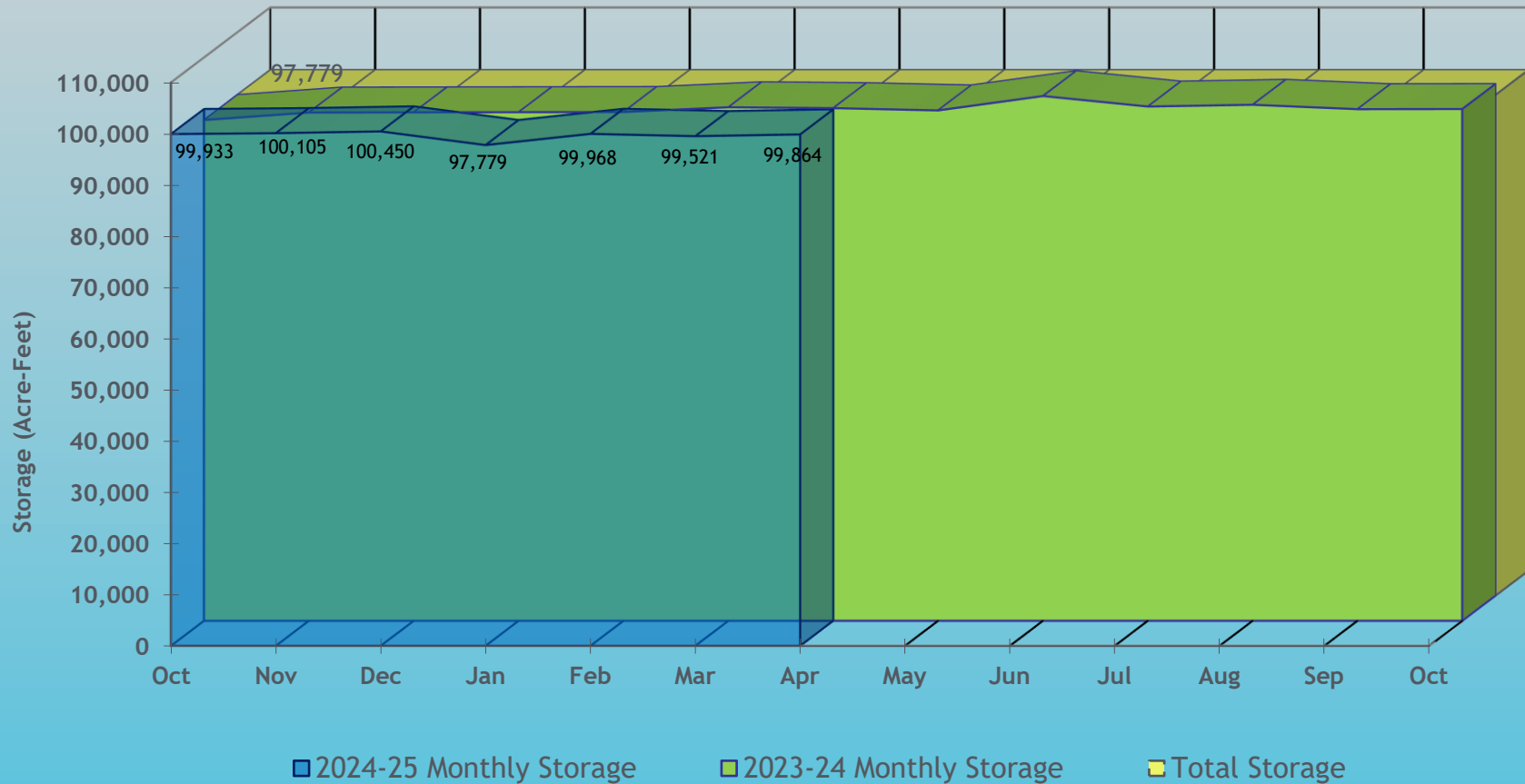
# Cheesman Reservoir (District 80 - Municipal)



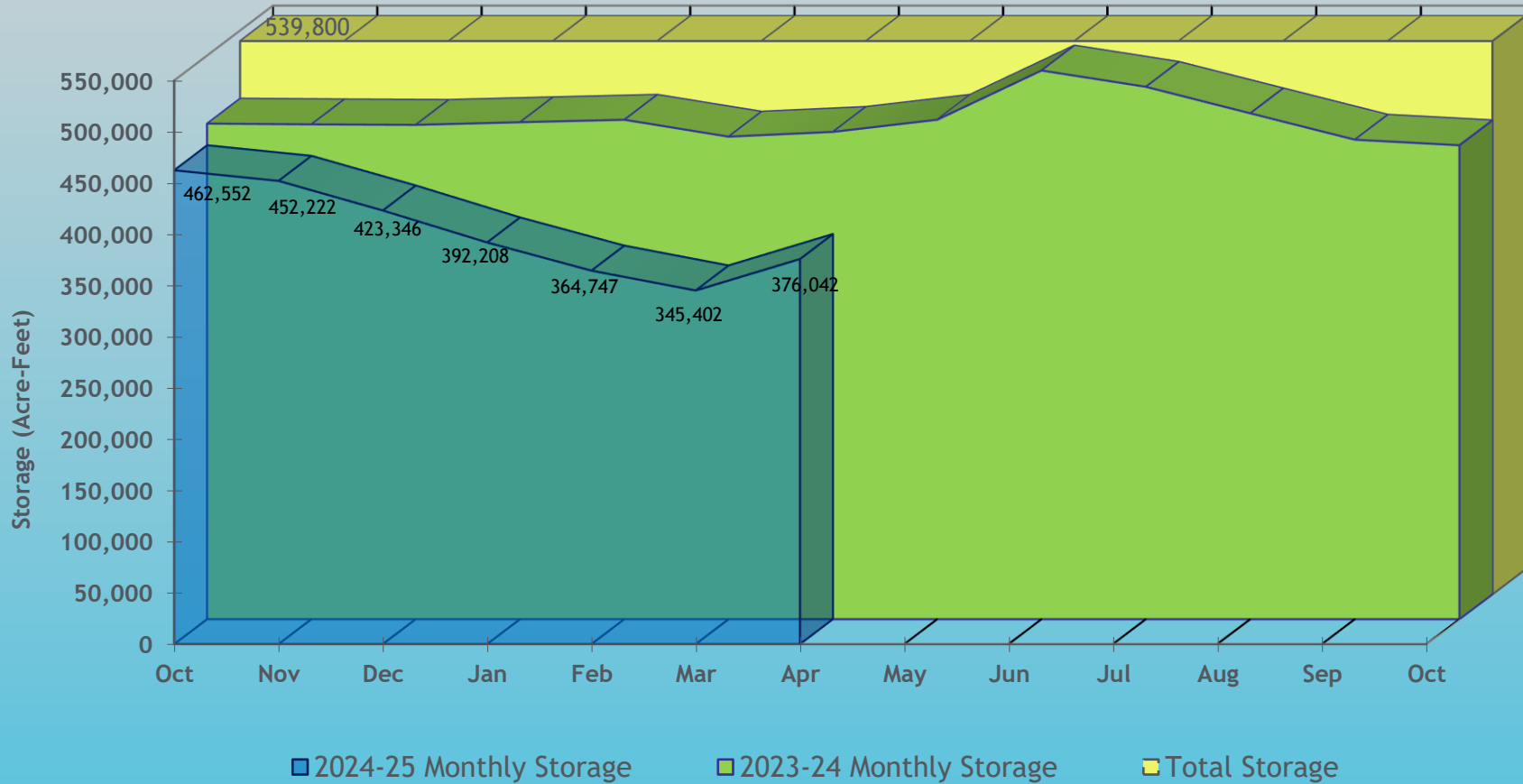
# Spinney Mountain Reservoir (District 23 - Municipal)



# Eleven Mile Reservoir (District 23 - Municipal)



# Lake Granby



2024-25 Monthly Storage

2023-24 Monthly Storage

Total Storage

